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Penal Code of California, 1915, Section 623.

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HOUSE & GARDEN



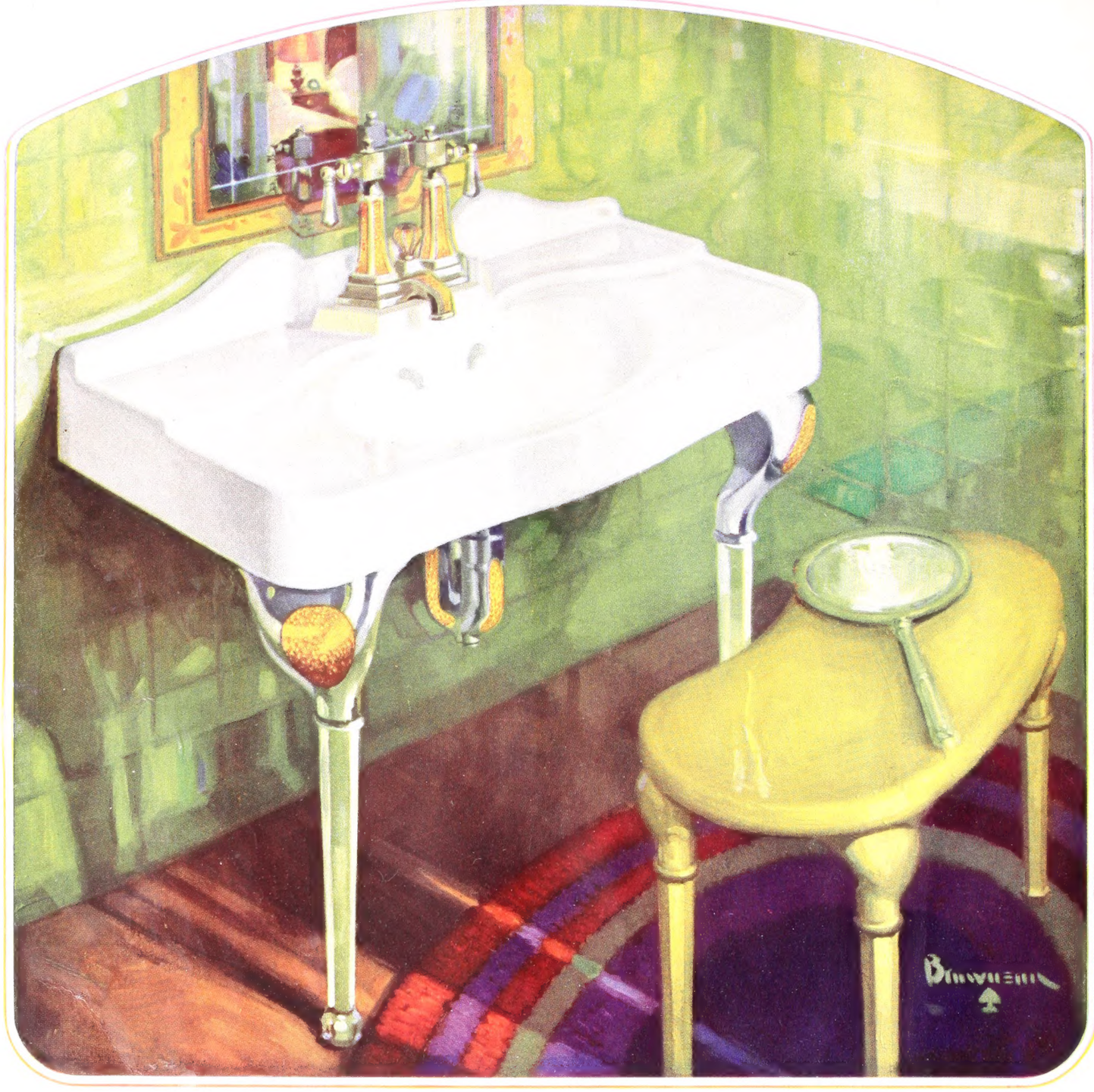
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The New Art in Lavatory Design

In the "Templeton", a new lavatory design by "Standard", utility is complemented by a rare beauty. Just as furniture of authentic period design in other rooms of the home evokes a feeling of unusual charm, so the "Templeton" brings a new and most welcome distinctiveness to the bathroom.

Until now the utilitarian purpose of the lavatory and the material of which it is made—vitreous china—have always imposed severe limitations upon the design. The difficulties of firing such large art designs of genuine vitreous china in one piece have been overcome by the master potters of "Standard". The "Templeton" is, in fact, a fine piece of furniture molded in genuine vitreous china of endless durability. The distinctiveness of the fittings is in keeping with the new beauty of the lavatory itself. The designs are original and have been hand-wrought by "Standard" metal-smiths with infinite care.



The Templeton

Molded in one piece of genuine vitreous china. Top, 36 x 20 inches. Bowl, 19 x 12 inches with dual overflow. Fittings in designs as distinctive as the lavatory. Legs of Chromard and clearest crystal.

Accept a cordial invitation to visit one of the "Standard" showrooms to see both the "Templeton" and the "Pemberton", another exclusive "Standard" design in dressing-table style. The trademark "Standard" is impressed in every fixture. An interesting booklet, illustrated in colors, will be mailed if requested.

"Standard"
PLUMBING FIXTURES

Standard Sanitary Mfg. Co.
Pittsburgh

TIFFANY & CO.

JEWELERS SILVERSMITHS STATIONERS

SILVERWARE

Quality

Proverbial for Generations

MAIL INQUIRIES RECEIVE PROMPT ATTENTION

FIFTH AVENUE & 37TH STREET - NEW YORK



"A new perfume by Caron"

LES POIS DE SENTEUR DE CHEZ MOI CARON

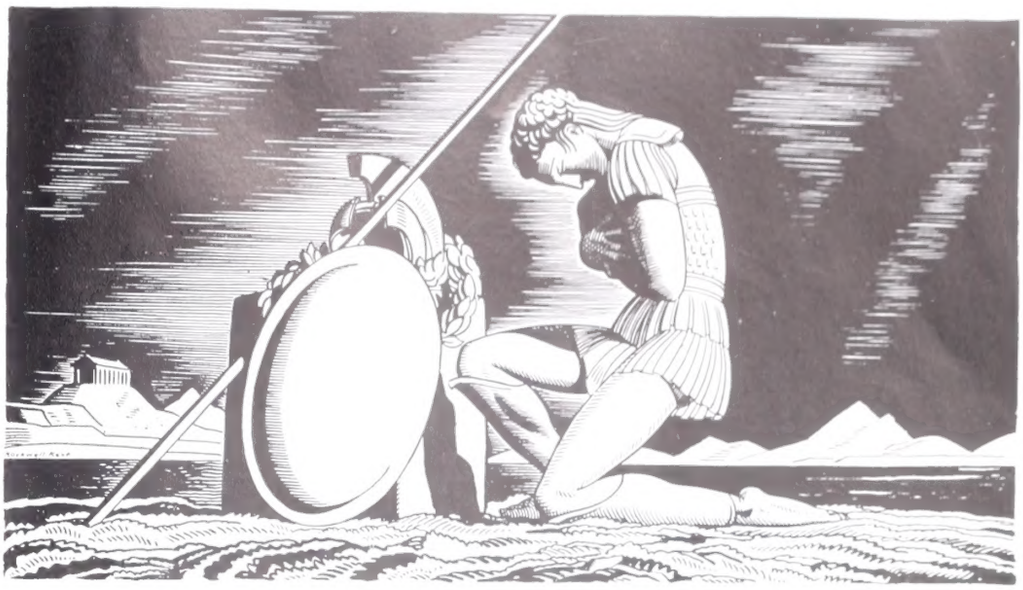
(SWEET PEAS)

CARON CORP., 389 FIFTH AVE., NEW YORK

HOUSE & GARDEN
January, 1928

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Vol. No. 53, No. 1



CREDO

THIS business is founded upon the very simple belief that a close personal relationship is essential to the selection and distribution of fine jewels.

The policy of personal participation adhered to by the heads of this firm has grown out of a recognition of special problems. The jeweler's trade is not an easy one. No craft demands more highly trained perception. No art asks more of judgment and finesse. And these are qualities which are achieved by comparatively few individuals, the outgrowth of inherited taste, the fruits of long experience, and care.

The gems and precious stones to be seen in this establishment are bought at original sources by members of the Marcus family. They are mounted under their supervision. They are subject to their inspection. . . . And when these lovely jewels are ready to be placed upon display, that personal relationship extends even to their final selection and purchase. The counsel of the members of this firm is always at the service of its patrons.

To know fine jewels, to mount them with originality and good taste, to place them in the hands of people who share their enthusiasm for beautiful things—that is the tradition of this family. . . . A simple credo. Yet in the strength and integrity of its belief a notable factor in that real distinction which is the pride and heritage of this house.

The Palm Beach branch of this establishment will be open from January 16th to March 31st.

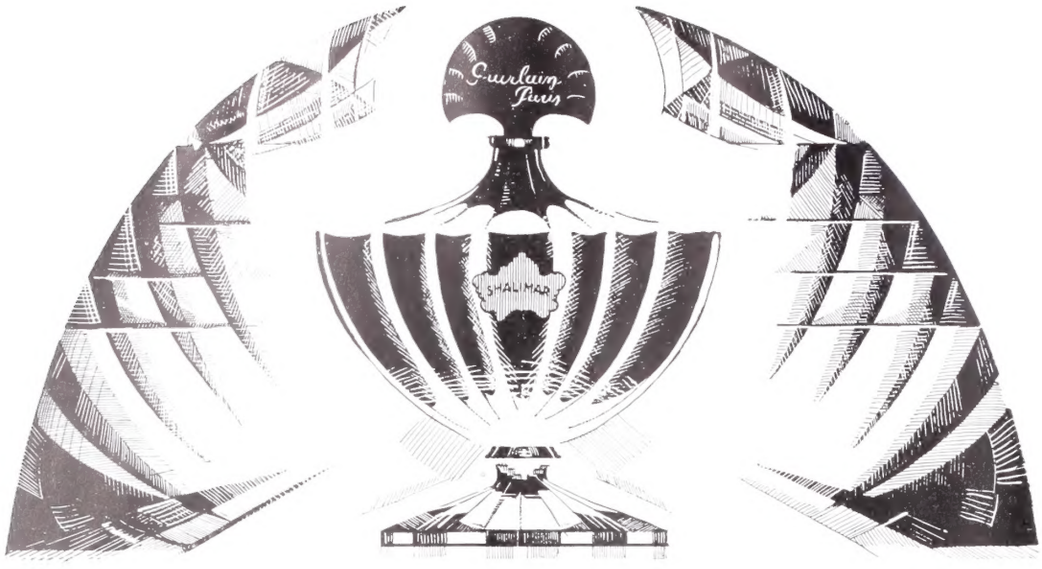
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JEWELERS

WM. ELDER MARCUS, JR. CHAPIN MARCUS

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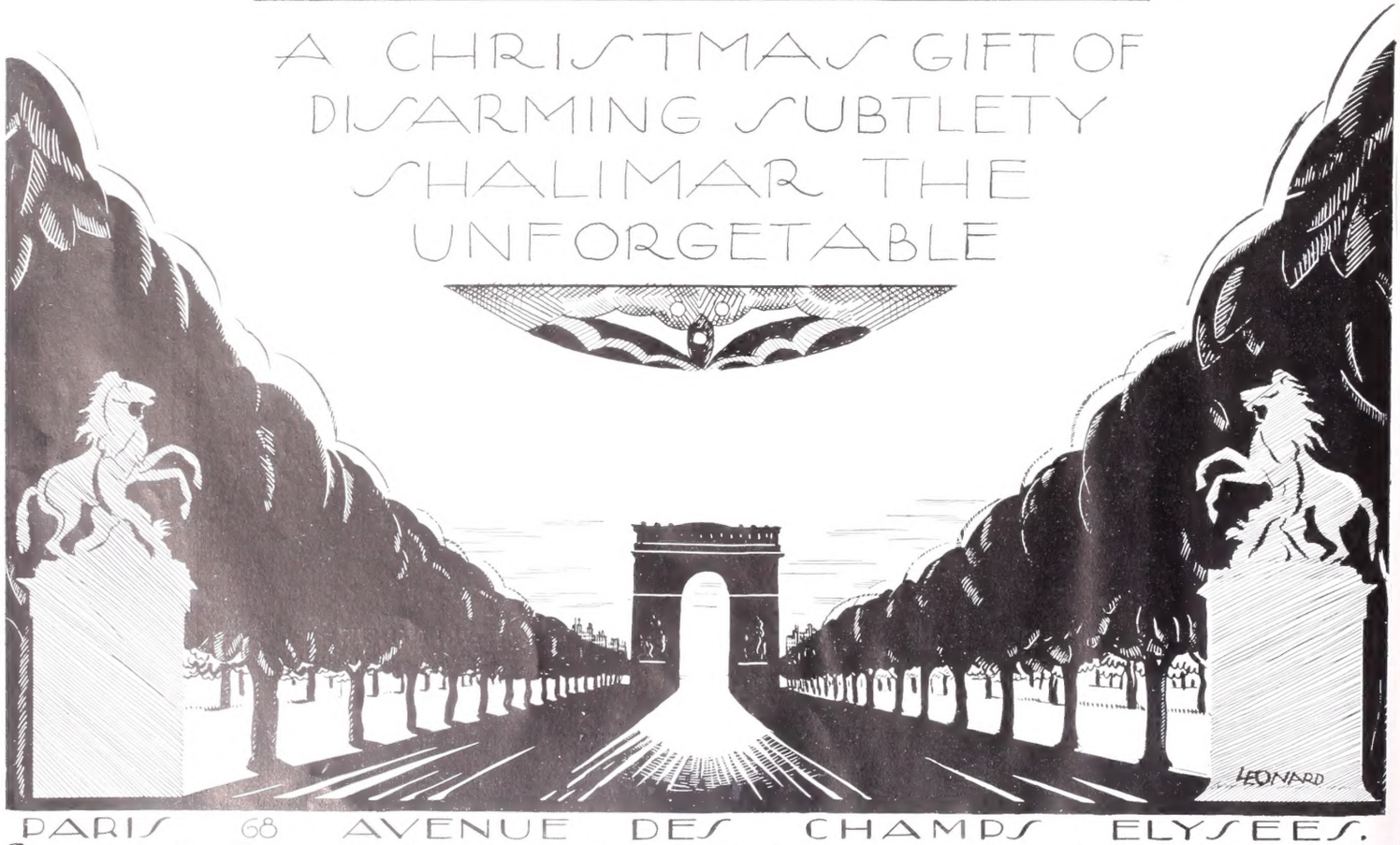
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Guerlain Perfumes are blended and sealed in Paris and sold only in the original bottles.

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LINENS UNUSUAL IN CHARM AND VARIETY





Hemstitched linen, at $18.00 each. Others from $5.00 to $75.00 each, and are often selected for trousseaux.

DURING JANUARY THE SPECIAL SALE OF LINENS AND OTHER WHITE GOODS OFFERS ATTRACTIVE OPPORTUNITIES

Why is Early American so highly appreciated today?



Mirror No. 5000, Rocker No. 5021, Bed No. 5023, Night Table No. 5025, Chest No. 5026, Dressing Table No. 5036, Chair No. 5029, Glass No. 5037



Desk No. 5027



Chair No. 5012½



No. 5010

IT is not sentiment alone—the love of ancient and enduring things—that causes the desire for Early American furniture to survive after two centuries and to grow yearly. The furniture itself is, in general opinion, more beautiful, more comfortable, stronger, and more practical than any other furniture known. Besides, it harmonizes with rooms of Early American design—which is by far the most favored type of architecture for modern homes.

The principal source of Early American furniture today is the Stickley Shops at Fayetteville, ancient center of the woodworkers' craft. Here under personal direction of one of the foremost collectors of genuine Early Americana, exact copies of choice collection pieces are made for every purpose in every room. You can find these pieces in the better stores everywhere. Each bears the Stickley-Fayetteville name, a guarantee of authenticity and value.

Write for our booklet on Early American furniture together with nearest dealer's or decorator's address. You are cordially invited to visit our workshops. L. & J. G. Stickley, Inc., Fayetteville, N. Y.

Early American
BUILT BY
STICKLEY
OF FAYETTEVILLE, N.Y.



LINENS
brought from far lands

LINEN damasks with a sheen, a softness and surface like richest satin! From fine mills in Ireland and Scotland, traditional sources of handsome linens. Others from Belgium, France, Germany and Czecho-Slovakia. Patterns that have historical interest and significance. Cloths appropriate for an elaborate French interior; simpler ones for a Colonial dining room. A wide selection in the colored damask so much in vogue.

MACY'S linens from countries whose names spell romance and lavish, elaborate hospitality—from France, Belgium, Germany, from Spain, Czecho-Slovakia and Ireland, from China and Japan. Wonderful Italian linens, characteristic of the districts from which they come—Deruta, Tuscany, Sardinia and Burato. An internationally representative collection of linens; fine-spun and enhanced with gossamer laces or exquisite embroidery.

The January sales are in progress—only [illegible] pillow cases, bedspreads, [illegible] at prices.

MACY'S

34th Street and Broadway New York City

AT SUCH A MOMENT



The pause before table talk starts . . . finding place cards . . . it is then that your table makes its first impression . . . the table covering must be lovely . . . and correct

As guests come from the drawing room into the dining room, the low-voiced conversation pauses, the air of expectancy quickens. They have come into a new world of soft candle-light that reveals glimmering silver, the delicate pattern of flowers, the subdued radiance of crystal, against the lovely white of a linen damask cloth that catches each subtle shadow, holds each light...

As the guests find their places and adjust their chairs, they realize this beauty, they clearly sense the unerring taste their hostess has displayed in her selection of a table covering. Lovely, yet in strict accord with accepted social usage, the finest cloths of linen damask have been traditionally of Irish or Scottish weave.

From these famous looms, new designs are now issuing, bringing matchless beauty and smartness to your table. Now, in homes of distinction, where dinner-giving is esteemed an art, where table covering and napkins are inevitably linen damask, these new designs are adding their suave beauty to the quiet elegance of the table, a pleasure to both guest and hostess alike.

Linen Damask tablecloths and napkins are one of the few marks of taste and distinction whose cost is made moderate by a long life of use and beauty.



Interesting Book—25c

"We dine on Linen Damask" with its charming foreword on table coverings by Emily Post, author of "Etiquette", its many illustrations and descriptions, will fascinate you and provide new ideas for the decoration of your table. Send 25c to The Irish & Scottish Linen Damask Guild, Inc., Dept. 11-H, 260 West Broadway, New York, N.Y.

LINEN DAMASK

IN CLOTHS & NAPKINS

impressively correct

Hampton Shops



How eminently suited to the generous country home or the important city apartment would be this spacious seventeenth-century living-hall of English inspiration, recently completed at the Hampton Shops. In conception and in detail, it is in perfect fidelity to the best traditions of the age of oak, and is perfectly typical of the finished work of the Hampton Decorators.

FIFTH AVENUE AT FORTY-SIXTH STREET · NEW YORK

McCutcheon's

January—a month of special sales

10% Discount on Linens

DURING JANUARY, every article in our comprehensive Household Linen Departments is subject to a 10% discount. Every pattern in Table Damasks, all Fancy Linens, Towels, Sheets, Pillow Cases, Blankets and Comfortables—nothing is held back. All are reduced ten per cent from the regular price.

Also at special prices

Lovely imported and fine domestic Lingerie, elaborate and simple Negligees, Corsets, long or tiny Brassieres are specially priced. Coats, Hats, Dresses and other things for little girls and babies are also reduced during this month.

In the Interior Furnishings Department, you'll find many items at attractive prices—Curtains, Curtain Materials, Drapery Fabrics, Upholstery Textiles and Novelty Decorative Articles.





A Library in the Georgian Style

THIS room, created and furnished by Tiffany Stvdios, is designed to invite pleasant relaxation with one's favorite books, and so preserve the true function of the library. ❧ ❧ Tiffany Stvdios cooperate with owner and architect in planning interiors to harmonize with the architecture of the residence, and are prepared to handle decorating contracts in every part of the United States and Canada. We welcome your inquiry whether for an occasional piece, furnishings for a single room, or a complete plan of decoration.

TIFFANY STVDIOS

MADISON AVENUE AT 47TH STREET · NEW YORK



COMBINATIONS of woods, selected for appropriate purposes, underlie the designing and creation of good furniture. Nature is lavish in the wealth of figure and grain available in foreign and native hardwoods for the enrichment of broad surfaces. Legs, stretchers and other solid parts, however, must possess elements of strength, combined with suitability for hand carving and harmonizing finish.

American gumwood is especially suited for the purpose. Of a texture inviting exquisite carving, of a mellow and uniform color lending itself to any finish desired, it is generously used in the making of fine furniture.

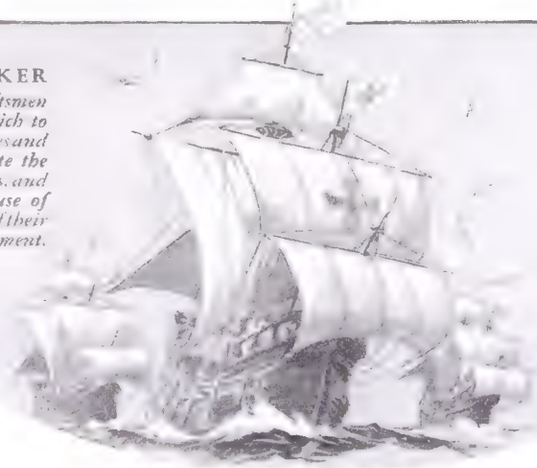
It permits extra value in design, workmanship, variety of inlay and surface woods, without bringing the cost beyond the reach of moderate means. Ask your leading retail dealer.

AMERICAN GUMWOOD

Write for our 24-page booklet, which contains also full page color plates suggesting the decorative possibilities of gumwood for paneling and interior woodwork. Mailed free on request. Address the GUMWOOD SERVICE BUREAU OF THE HARDWOOD MANUFACTURERS INSTITUTE, *Memphis, Tenn.*

TRUST THE MAKER

Manufacturing craftsmen know woods, and which to use for definite purposes and effects. They appreciate the properties of all woods, and the widely accepted use of gumwood by masters of their art is its best indorsement.





New Skill and Artistry in Furniture from the Old Masters



One has but to behold [illegible] new pieces by Kittinger to appreciate the choice [illegible] their design . . . a "Virginia" sofa, a Duncan Phyfe armchair reproduction in solid Honduras Mahogany . . . a drum-top pedestal table with [illegible] drawer panels, recommended Phyfe [illegible] decorated [illegible] [illegible] backed Sheraton [illegible]

Only the finest cabinet woods, equal to those found in priceless museum pieces [illegible] Kittinger [illegible] are never found even in hidden or minor parts. And yet Kittinger [illegible] produced only with utmost fidelity to high standards [illegible] attractively low because of Kittinger's modern production methods.

[illegible] Let us send you the booklet, "Living Room Furniture [illegible] and the name of the Kittinger [illegible] Address Kittinger [illegible]

Kittinger Furniture

KITTINGER

Distinctive Furniture

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WITHOUT tedious preparation or conscious effort, the understanding of fine music, the appreciation of fine music and the inevitably ensuing *love* of fine music, are now within the reach of everyone.

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Adopted by the great Universities and Music Schools

These rolls, designed for and adapted to the use of the layman, have been found so full of interest and so valuable in imparting an accurate knowledge of the great musical classics that already, even before the first announcement of their publication has been made, they are in use in many of the great universities and schools here and abroad.

The production of these rolls has been a great undertaking. For many months the world's foremost pianists, critics and musical authorities have collaborated to create them. What was started in a comparatively small way has developed into a great international movement of far-reaching importance.

Demonstrations of AudioGraphic Music Rolls are being given at Aeolian Hall, 5th Avenue at Fifty-fourth Street, New York, and also at the various Branches of the Aeolian Company in New York and by dealers throughout the United States. The AudioGraphic Music is also on display at the following leading New York music stores: Schirmer's, Ditson's, Carl Fischer's.

The International Committee for the [illegible] of Lovers of Music Appreciation

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Smooth as *Stabilated* Motoring

There's a magical new meaning to motoring comfort. It's the magical smoothness of Stabilated Motoring—a sensation that cannot be compared to any other known means of motor car travel.

By an entirely new method—unlike shock-absorbers or similar devices—Watson Stabilators kill the cause of motoring discomfort before it even starts.

Vicious throws cannot take place. Bobbing, tossing and bouncing cannot begin. For Watsons remove the *cause* of all upward throws by instantly eliminating the force itself the moment it is born. Evil effects—the bounce and toss that shoot you off your seat—are utterly banished. Your ride is smooth because the cause of rough riding is arrested at its source—instantly snuffed out.

There is no need for checking or absorbing rebound effects, for *there are no rebound effects!*

This instantaneous and adequate seizure of the *cause* instead of a delayed attempt to somehow lessen the effect is the reason why America's finest cars come equipped with Watson Stabilators—why American motorists are inevitably turning to Watsons for real motoring comfort and real motoring safety. John Warren Watson Company, Philadelphia, Pennsylvania

FOR LARGE CARS

America's foremost heavy cars come with Watson Stabilators, Type C7. Tests showed these manufacturers that Stabilated Motoring is a necessity: Chrysler · Cunningham · Dodge Senior · DuPont · Duesenberg Willys-Knight · Franklin · Gardner · Hudson · Jordan · Locomobile McFarlan · Meteor · Nash · Packard · Peerless · Stearns-Knight · Studebaker

COMPLETE FOR ALL HEAVY CARS $18 . . IN THE FAR WEST $19

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Owners of millions of America's light weight cars can now enjoy the new sensation of Stabilated Motoring. New Watson Stabilators, Type AA are expressly designed to conquer the riding peculiarities of small short-wheelbase cars, such as: Chevrolet · Dodge · Oakland · Whippet Chrysler · Nash · Star · Essex · Oldsmobile · Wolverine · Pontiac

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WATSON STABILATORS

If you are under the small [illegible] you will find W. & J. Sloane [illegible] value, of a distinguished [illegible] and your needs [illegible]



W. & J.
SLOANE
Fifth Avenue at Forty Seventh Street
New York

INTERIOR DECORATION [illegible] DESIGN CONSULTANTS

GENUINE ANTIQUE MANTELS AND DISTINCTIVE



This beautiful Antique Mantel is decorated below. The antique, polished red English Fleur Grain, $750. Almost all our antique mantels can be executed with "Modern" fireplace trimmings at slight extra cost.

This genuine antique mantel—hailing from the artistic Georgian Period—is truly a find. Rare because it is partly made of a beautiful ornamental stone no longer found in just the same color depth and varying intensity. ∾ Blue John, beautiful beyond compare, is the stone that was carefully cut and fitted by hand in the frieze and inlaid facing of this mantel. The meticulous workmanship, the artistry alone that contributed to its creation, classifies it among the almost priceless things. ∾ Blue John is a dark purple spar, its hues varying according to the changing reflections of light. The name is traceable to the Blue John Mine of Castleton, Derbyshire, England from whence it came. The stone mined today is weakly colored, lacking the deep richness of that which helped in making this exquisite fireplace ornament. ∾ In all the years this House has devoted to the selection of antique mantels, seldom has there been the equal of this one. Somewhere in America there is a home that will be enriched by its presence. It is offered, subject to prior sale, at $3,000.

WM. H. JACKSON COMPANY

Established in the Year 1827 | 2 WEST 47th STREET NEW YORK | 318 N. MICHIGAN AVE. CHICAGO | *The Oldest House of its kind in America*

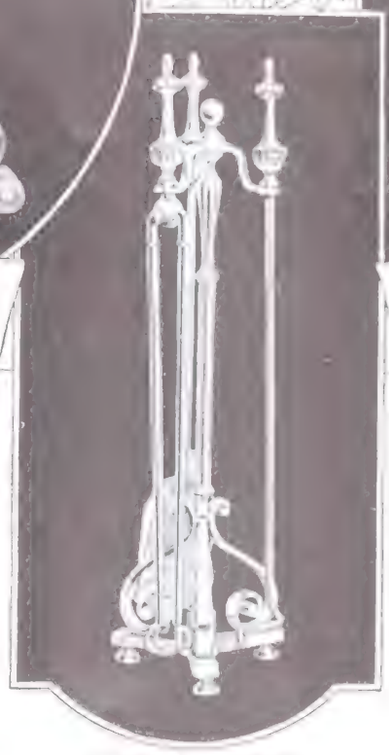


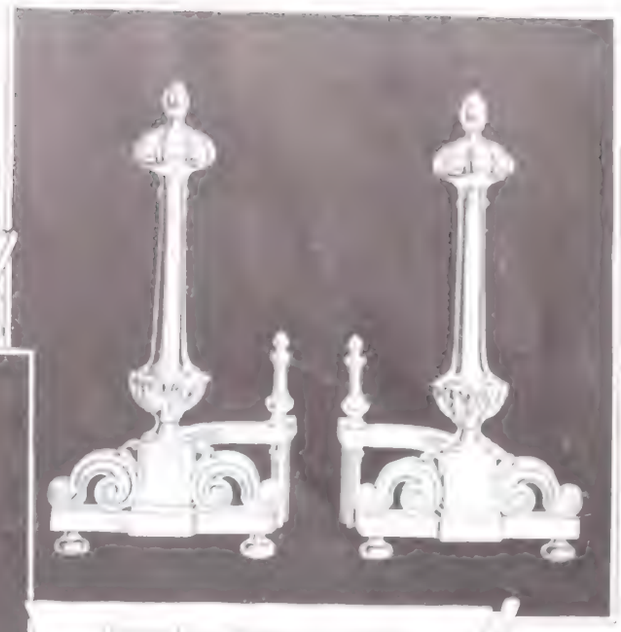
OVER A HUNDRED YEARS OF SERVICE TO THE

IREPLACE FIXTURES OF THE GEORGIAN PERIOD



Georgian Period Andirons in 18th Century
Ironwood Antique Gold, [illegible]
[illegible]





[illegible]

BEAUTIFUL antique mantels such as those we secure from abroad are incomplete without andirons and other fireplace accessories of a fitting character. Therefore, to patrons of this House we offer andirons and other equipment, individually designed and executed by the craftsmen in our shops and foundries. The andirons are wrought by hand into various period designs and also cast in iron, bronze or brass. Their finishes are the same as those in vogue during the various periods. Thus the owner of a Tudor, Jacobean, Adam or any period mantel may find here andirons truly representative and

in complete [illegible] are as distinctive as our authentic [illegible] All [illegible] are exclusively ours and they can be obtained only from us direct. Available in sizes suitable for [illegible] variety that affords one the opportunity to exercise his or her individual [illegible] We suggest that you stop in at one of our shops and inspect the line of beautiful fireplace fixtures on exhibition? Or, write us at New York, Dept. HG, for booklet illustrating and describing these lovely appointments for the hearth.

WM. H. JACKSON COMPANY

Established in the Year 1827

2 WEST [illegible] STREET
NEW YORK

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CHICAGO

The Oldest House of its kind in America



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BRYANT GAS HEATING NOT ONLY GIVES YOU ABUNDANT, EFFORTLESS WARMTH, BUT LITERALLY TRANSFORMS THE BASEMENT INTO A CLEAN, LIVEABLE PART OF THE HOUSE—PLAYROOM, DEN, WORKSHOP, LAUNDRY, MAID'S QUARTERS, OR FOR DANCING.

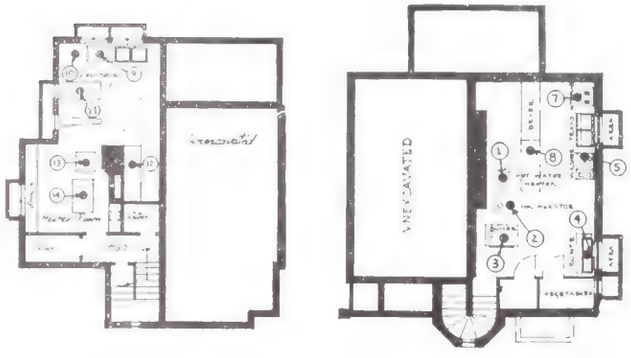
HEATING THE HOME WITHOUT A CARE

Modern Gas Heating brings you the utmost in home comfort,

and permits economies in construction.

FOR a full half of the year the comfort of your home depends upon your furnace. No other item of home equipment can bring you such carefree comfort, such untold conveniences, as a heating plant that banishes furnace work and worry from your very thoughts. Bryant Gas Heating frees you forever from drudgery in keeping your home warm.

Two of the many basement plans in the American Gas Association architectural competition, showing how basements can be reduced.



A Bryant Gas Heating Plant will enable you to plan your home so as to utilize the basement for living quarters. You can secure equal space with less above-ground construction; it is possible to effect a decided saving by making the basement smaller. Since no space is required for fuel storage, and because a Bryant Heating Plant occupies so little space, the basement may be built much smaller than would otherwise be necessary. You save in excavating, wall construction, partitions, etc.

EFFORTLESS CONTROL

A Bryant Automatic Gas Heating Plant requires "no more care or attention than a pup can give it." There are no ashes to handle, no stoking, no drafts to adjust, no early morning firing-up, no nightly banking-down, no furnace man coming in and going out. Your winter's furnace tending consists of lighting the heating plant in the Fall and the weekly winding of a clock conveniently placed in one of the upstairs rooms.

AUTOMATICALLY CONTROLLED TEMPERATURES

Temperatures are positively and accurately maintained. No matter how fluctuating the outside temperature may be, the inside temperature is constant within a single, thermometer-measured degree of the setting on the regulator control.

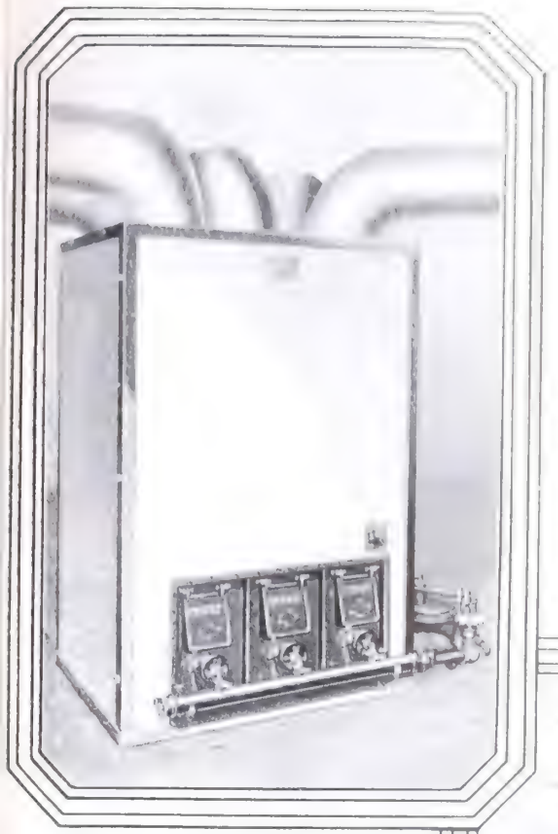
Seventy-one degrees throughout the day and evening, if that is th temperature you prefer! If yo like a cooler house at nigh for sleeping, the change will b made automatically. Just se the regulator to any combina tion of day and night temp eratures you desire and thos temperatures will be mair tained, and changed, withou further thought on your par

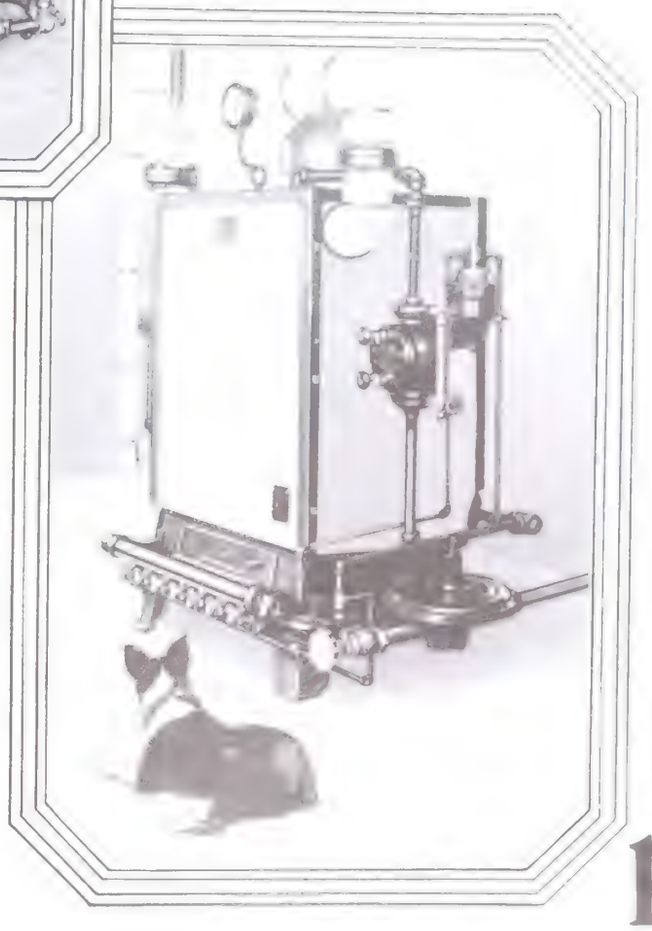
ABSOLUTE CLEANLINESS

Bryant Gas Heating is abso lutely free from dust, ashe soot or oily vapors. Its insta lation makes a new cleanline readily apparent throughou the entire house. The bas ment is transformed from dirt-burdened spot to l visited only upon necessity int a clean, useable part of th house. It can be kept as ne and tidy as the upstairs roon with a dust cloth.

PERMITS CONSTRUCTION ECONOMIES

In addition to rendering you a heatin service utterly free from all work an worry, Bryant Gas Heating will perm an actual dollars and cents saving in t





construction cost of a new home, as illustrated in the panel on the preceding page.

It permits you either to make the basement excavation smaller, or enables you to secure an additional room or two at little or no additional cost by utilizing the basement space that would otherwise be used for fuel storage and as an ash depository.

MODERATE IN COST

The luxury of Bryant Automatic Gas Heating is well within the reach of most home owners. The actual dollars and cents cost is often *less* than the all-over cost of coal or oil heating — when the cost of fuel, labor of furnace tending and handling ashes are considered for coal; and the cost of gas pilot lights, electricity, and depreciation of the burner are included for oil.

In many communities the gas companies grant special low rates for house-heating. Even where the cost of gas is greatly more than the cost of coal or oil heating, the comfort, convenience and reliability of Bryant Gas Heating more than offset any difference in cost.

The cost of this heating service for your home must take into consideration all factors such as gas rate; type and heat content of the gas; size, construction and exposure of your home, and the coldness of the winters in your community. Just

any one type of heating system. It is just as carefree and reliable whether used with a hot water system, a steam system, a vapor system, or with warm air.

Used with any type of heating system you may prefer, Bryant Gas Heating will make your winter warmth effortless. No more will you have to coddle the furnace

BRYANT GAS HEATING







THE architecture and decoration of a home are matters of opinion. But when builders or buyers consider the actual construction of a home they come face to face with certain proved facts. About building materials. About roofing. About foundations. These have definite qualities that are demonstrably superior or inferior. They are not matters of opinion. And this is particularly true of the piping. For the superiority of Anaconda Brass Pipe is not debatable. Architects and builders *know* that it will give longer and more satisfactory service, at less expense, than corrodible iron or steel pipe will give.

FAIR-MINDED, reasonable people who have a respect for facts and a regard for real economy have used Anaconda Brass Pipe in more than 100,000 homes. Its obvious advantages, and its small additional cost, have given it a place among the basic necessities of the home. It never rusts and clogs with rust deposits as iron or steel pipe eventually does. It always delivers a clear full flow of water.

IRON or steel pipe must be replaced, often within a few years. Plastering and plumbing bills eventually follow its installation. In fact, it is unreasonable to expect any kind of corrodible pipe to meet the modern building practice of concealing all piping. Yet there is a difference of only $75 between iron pipe and Anaconda Brass Pipe in the average $15,000 home. No matter what type of house you are planning, building or remodelling, get comparative cost figures from your architect or builder.

When a practical man and an intelligent woman buy a home



Rust-proof the entire house. For only about $150 more than the cost of corrodible metals, the average $15,000 house can actually be completely rust-proofed . . with water piping of Anaconda Brass . . with flashings, rain pipes and gutters of Anaconda Copper . . with screens of Anaconda Bronze . . and with hardware of solid Anaconda Brass or Bronze. This modern equipment pays for itself many times over and always proves an added attraction when the house is sold. Write to our Building Service Department for our new, free booklet, "Rustproofed" or for any facts and figures you may require. The American Brass Company, General Offices, Waterbury, Connecticut.

(Above) Pipes of Anaconda Brass are not affected by corrodible pipes around them and cannot cause them to rust. Rust quickly ruins them. They should be of Anaconda Copper for life-long service, real economy and the highest protection against rust. The extra cost is surprisingly moderate.



(Below) Screens of Anaconda Bronze wire are so much more economical than corrodible screens that their installation alone will rustproofing the home. They cost only about $28 more than corrodible screens

ANACONDA COPPER

BRASS ANACONDA from mine to consumer **BRONZE**

Now, every man *can* give his wife the home of her dreams



This NEW BOOK *shows you the secret of owning a better home than you hoped for—right now. Send for your* FREE *copy today.*

DOES *your* wife envy others the joy of living in homes of their own? Do *you* wonder how they get them—people who don't earn any more money than you do or have any more brains either?

How do they do it? The *whole story is told* in a new book we have just published. This *free* book is written in co-operation with eminent building authorities. It tells you all the help you can get to realize your ambition for a home of your own. So many people want to help you, if you only knew how to approach them: your banker, your employer, your builder, your lumber dealer and your realtor.

You won't need a lot of money to get the home you want. This new book tells you how. It gives you facts that will surprise you about how easy it is to finance your home on a basis that will protect your investment. It will help you select your contractor or judge a house already built.

You can have a better *home than you hoped for*

Moreover, this book will show you how you can own a *better* home than you ever dreamed possible. It will tell you about the amazing 5-point material that brings new comforts and can cut one of your biggest items of upkeep cost by a third.

FOR OLD HOMES, TOO

IN [illegible]

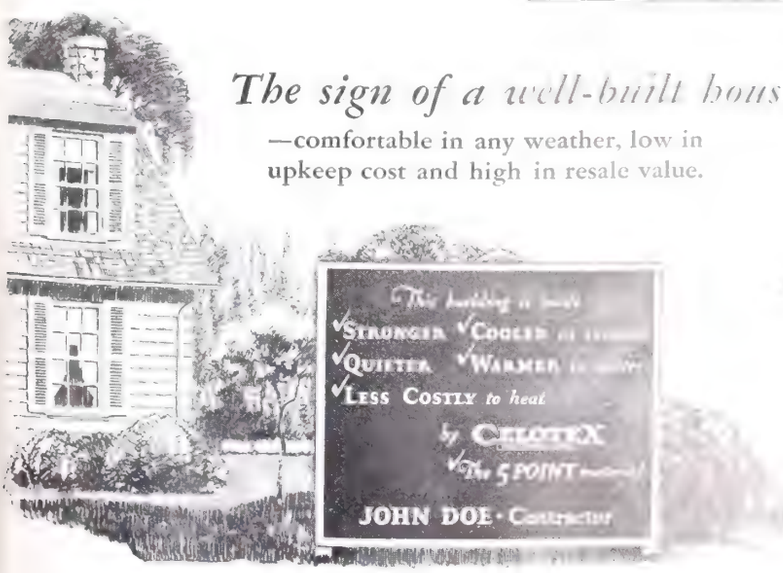
Send for this book NOW

Every man who is renting owes it to himself and to his family to read this book. It is showing thousands who have simply *wished* for a home how easy it is to actually *own* one.

Don't put off this important matter another day. This valuable book will be sent *free* and places you under no obligation. Send for your copy right now!

THE CELOTEX COMPANY, Chicago, Ill.

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The sign of a well-built house

—comfortable in any weather, low in upkeep cost and high in resale value.

This book is FREE

[illegible]



[illegible]

THE CELOTEX COMPANY
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Celotex Building Book.

[illegible]



Wouldn't you like to burn less coal?

WOULDN'T you like to cut down your cost of heating, and at the same time enjoy greater comfort?...Is your house slow to heat on winter mornings?...Is it next to impossible to heat your home comfortably on extra cold days, no matter how much fuel you burn?...Does your boiler require several refuelings during the course of the day?

The answer "yes" to any one or all of the last three of the above questions is a clear indication that your present heating system is burning more fuel than it should. Our two books explain why, and point out the way in which you can cut down your cost of heating.

The titles of these two books are, "Guaranteed Heating Satisfaction at Minimum Cost," and, "Does it Pay to Install an Oil Burner?" With no obligation on your part, we will be glad to mail you a copy of each of these books without charge.

We offer them on the basis that the cost of heating is always a considerable expense in running your home. But that there is no use in having it any greater than it really needs to be. One wants to enjoy the luxury of comfort, and at the same time pay as little for it as possible. If you will use the coupon below we will send the books to you at once. The H. B. Smith Co., Dept. K-14, Westfield, Mass.

THE H. B. SMITH COMPANY
Dept. K-14, Westfield, Mass.

Gentlemen: Without cost or obligation to me, please send me a copy of each of your two books.

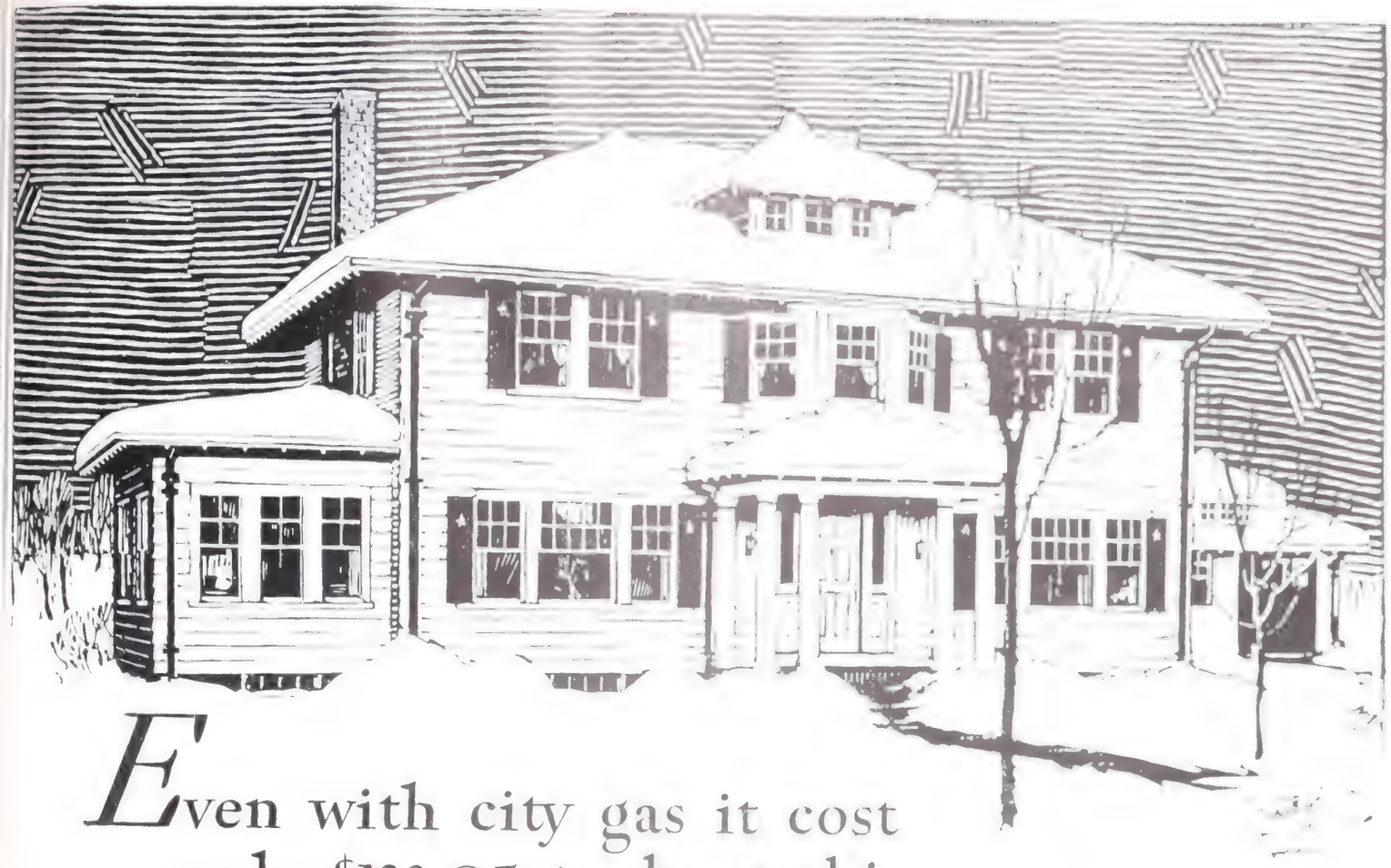
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City ..... *State* .....

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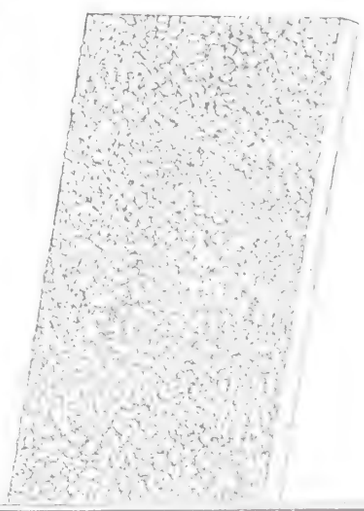
Even with city gas it cost only $133.05 to heat this CORK INSULATED HOME

THE secret of this remarkable record of fuel economy is the insulation. A lining of Armstrong's Corkboard saved heat that otherwise would have been wasted through the walls and roof. Corkboard 2 inches thick was applied to the second story and sun porch ceilings, and 1½ inches thick to all outside walls.

A letter from Mr. Thos. L. Andrews, owner of the house, located in New Bedford, Mass., tells its own story:

"I am very glad to recommend Armstrong's Corkboard Insulation to every home builder, as we have lived in our cork-insulated home in New Bedford for nearly a year and it has come up to every expectation.

"In figuring my total gas bill for this year's heating I was much pleased to find it was only $133.05, as compared with the gas company's estimate of $297.00. This is a very considerable saving and helps to pay a good portion of the cost of insulation. Last winter was a severe winter and, under the most unfavorable weather conditions, our home was always comfortable.



[illegible] noticeable difference between the inside and outside [illegible] corkboard insulation."

Your new home, too, can be made comfortable and economical of fuel by lining it with Armstrong's Corkboard. Be sure to use sufficient thickness. Experience has proved that 1½ inches of Armstrong's Corkboard on the walls and 2 inches on the upper ceilings or roof will pay the largest return in comfort and economy on the insulation investment. A properly insulated house can be comfortably heated with a smaller size heating plant.

If you are building or planning to build, send for a copy of the 32-page book telling you how Armstrong's Corkboard will soon pay for itself in fuel saved. Address, Armstrong Cork & Insulation Company, 193 Twenty-fourth Street, Pittsburgh, Pa.; McGill Building, Montreal, Quebec, or 11 Brant Street, Toronto, Ontario. Branches in principal cities.

Armstrong's Corkboard Insulation

Healthful Lining for Walls and Roof

Send this to us } Armstrong Cork & Insulation Company
193 Twenty-fourth Street
McGill Building
11 Brant Street



Write for "The Story of Oak Floors." It tells all about oak flooring. Fully illustrated, with color plates of the new parquetry effects in oak. Write our Chicago department for booklet, or consult your local lumber dealer.

Over old floors laid over old floors in your present home at slight expense. No woodwork need be torn up, as the old floor becomes a useful subfloor. Any room can easily be as fine as many articles of furniture in everyday use.

Floors *that remain beautiful*

Oak is permanent—cleanly—economical

Replacement expense is an unwelcome drain on a home owner's purse. Wherever possible, the wise home-builder sees to it at the outset that materials selected are of a kind and quality that will avoid such unnecessary outlay. Perishable floors that will require replacement, are more than twice as expensive as their first cost.

Oak floors, on the other hand, justify their reasonable cost on the basis of permanence alone. Once properly laid, they outlast the life of the house itself. With but slight attention to keep the surface cleanly and lustrous, their characteristic beauty enhances with time. Age improves an oak floor. And when the time comes to rent or sell, oak floors are a valuable asset. They help sell the house.

OAK FLOORING BUREAU, 1247 Builders' Building, Chicago

NATURE'S GIFT OF EVERLASTING BEAUTY

..... for their health as well as yours .....



Insulate your home with Flax-li-num

GOOD HEALTH is the most valuable thing in all the world — it means *everything* to your children and to you.

Good health cannot be bought at *any* price. Yet for no more than you would pay for a radio or a good piece of furniture, you can have a FLAX-LI-NUM insulated home that *encourages* good health.

For your children's sake, build a *healthy* home — one that is free from draughts — that is comfortably warm in winter — that is comfortably cool in summer.

Do not too readily accept *any* insulation that may be offered. You may find you have bought square yards of material at a price, rather than a scientific method of insulation that costs no more.

Before you build or buy a home, compare FLAX-LI-NUM with other insulations and insulating methods. You will find that FLAX-LI-NUM wins on every count. Specify one inch thickness in your roof — one-half inch in side walls, wedged midway between the studs. *Mail the coupon now for complete information.*



Know These Facts About Flax-li-num

—Greatest Insulating Efficiency.

Used correctly in your walls, one-half inch FLAX-LI-NUM is *equivalent to three-fourths inch insulation* used as a substitute or installed against the sheathing. U. S. government tests prove this. The FLAX-LI-NUM method creates *two* insulating air spaces instead of one, and six surface resistances instead of four.

Every fibre of flax contains millions of tiny dead air cells. Between the fibres are millions more of these tiny dead air cells. FLAX-LI-NUM, by the very structure of the material from which it is made, is a *naturally* superior insulation. For more than 17 years it has been used where correct insulation is imperative.

Not to be overlooked is the fact that FLAX-LI-NUM, installed in the finished home, *is just as thick as when it leaves the factory.* It is not compressed in the installation.

—Ease of Application.

FLAX-LI-NUM goes in fast. Your builder simply wedges the sheets in tight—*it goes in right.* The semi-rigid sheets hold themselves in place while the builder drives home a few nails.

—Fool-proof on the Job.

So simple is its installation that it is almost impossible to get it in wrong.

—High in Tensile Strength.

FLAX-LI-NUM, made from long, tough flax fibres, has great tensile strength. It does not puncture, crack, break or tear. It *never needs repairing after it is in place.*

—Permanence.

Flax fibre never rots. Hence FLAX-LI-NUM itself will never deteriorate. It will outlast the building. FLAX-LI-NUM, examined after 17 years' service, has been found to be in perfect condition.

FLAX-LI-NUM INSULATING CO., *St. Paul, Minnesota*
228 North LaSalle Street, Chicago

Flax-li-num

THE CORRECT INSULATION AND SECOND CONTROL MEDIUM

FLAX-LI-NUM INSULATING CO.

Send me complete information on FLAX-LI-NUM insulation.

Street Address

I am planning to build a home.

I may insulate my present home.

Colorful decoration harmonizing background permanent foundation

Bruce OAK FLOORING
THE BEST *Oak Flooring*

THERE is exquisite color in a Bruce oak floor, ingrained by Nature, emphasized by finishing, capable of delicate modulations from light to rich weathered tones, as the decorative scheme requires. It cannot be successfully imitated. This natural coloration is sufficient in itself to be a real element in decoration, yet it is not obtrusive. It does not attract too much attention to the floor, but blends with woodwork, walls, and furniture of whatever material and design.

Preserves room harmony

An oak floor is incomparable in dignity, reflecting the lights and shades that play in the lustrous surface of wood paneling, for example. Extending into adjoining rooms with entirely different wall treatment, the same floor is equally appropriate. In hallways, oak strips running lengthwise, convey a sense of spaciousness and good proportion. Throughout all the rooms, Bruce oak flooring is a harmonizing background, permitting wide variation in decoration and furnishings, without loss of unity.

It is ideal beneath rugs, mellowing the bright hues in orientals, adding a needed complementary color to rugs of solid pattern. Where space permits, a border of Bruce design in squares or basket-weave contributes a touch of old world artistry, reminiscent of the time-defying floors of chateau and manse. People who appreciate the innate charm of wood, accept the experience of centuries in choosing oak as the correct as well as the enduring floor for their homes.

Lasting value—
no replacement necessary

When once properly laid, time only improves a Bruce oak floor. Age seasons, mellows, and beautifies it. The toughness and resiliency which Nature grows in sturdy oak defy wear. Snug fitting accurately machined strips unite into a continuous unbroken surface, easily kept in perfect condition. It is only necessary to give Bruce floors the same care you would good furniture, no more. The return will be many-fold in years of satisfaction, and increased value to property.

Specify "Bruce" when you build

Choose from white or red oak, quartered or plain, in different widths and thicknesses, to suit your taste and to give variety and distinction to different rooms. Ask your local lumber dealer to figure the reasonable cost of laying Bruce flooring over the worn floors of your present home.

BRUCE



E. L. Bruce Co.

MEMPHIS, TENNESSEE

[LARGEST MANUFACTURERS OF OAK FLOORING IN THE WORLD]



Write for this free book.

BRUCE OAK FLOORING



PRIDE-WORTHY

WE moderns who appreciate the niceties of life and endeavor to achieve an expression of refined taste and individuality in our homes, and in our commercial and civic buildings, recognize in marble the economical answer to our purpose . . . with the added satisfaction of knowing that modern machinery and methods have made marble, today, much more readily procurable than formerly. In fact, judged coldly from the standpoint of durability and maintenance costs, marble is actually the most economical of all interior finishes. Additionally, for character and cultural appeal - - -

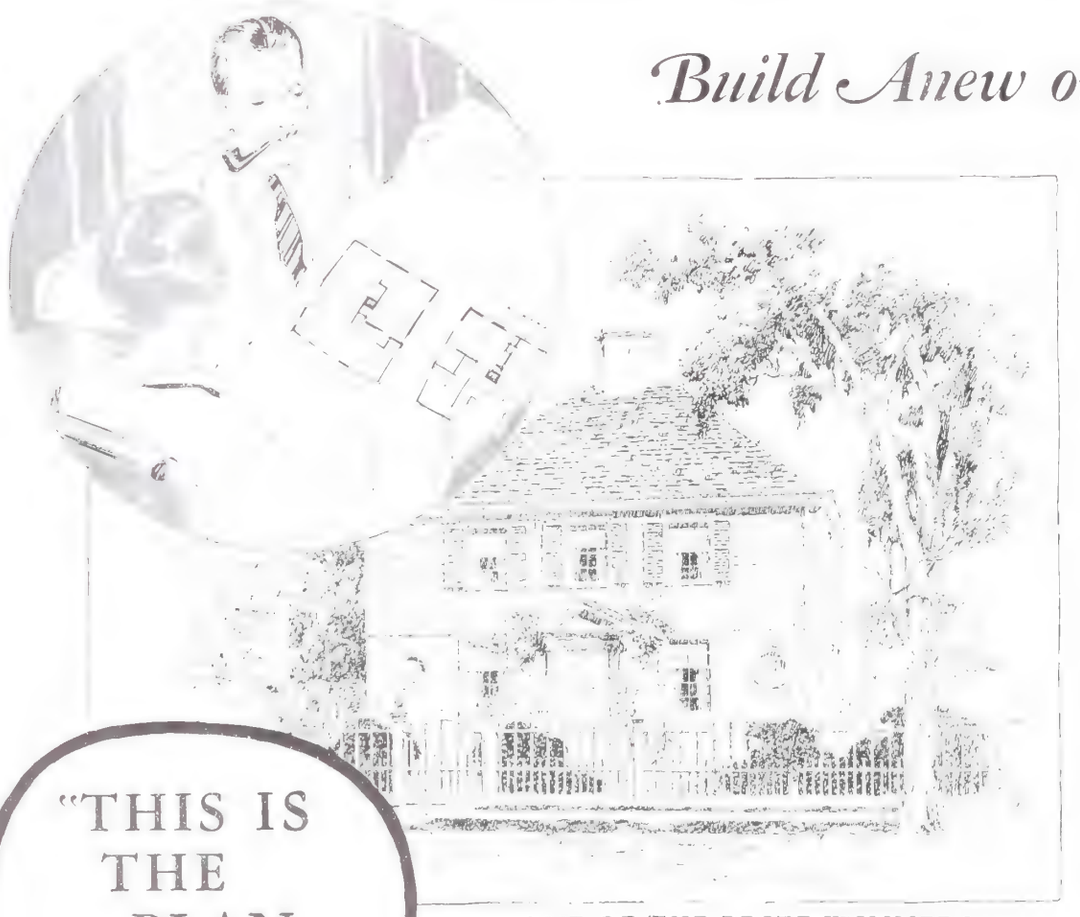
There is No Substitute for Marble



Department 6-A.

NATIONAL ASSOCIATION *of* MARBLE DEALERS

ROCKEFELLER BUILDING · CLEVELAND · OHIO



Build Anew or Remodel from This Wonderful Book

"HOUSES *of* WOOD
for
LOVERS *of* HOMES"

"THIS IS THE PLAN BOOK WE HAVE BEEN WAITING FOR!"

ONE OF THE PRIZE WINNERS

Includes the $1,000 Prize Plan—9 Other Prize Winners and 10 More Excellent Designs: 25 in All, Drawn By 25 Skilled Architects and Now Published for the First Time

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These plans were chosen from more than 3[illegible] submitted in our recent architectural prize competition. The houses include all those features dear to the housewife's heart—step-saving arrangement, bright, cheerful rooms, breakfast alcove, sleeping porch, a wealth of closet space, built-in conveniences—in short, hominess and cozy comfort in every nook and corner.

You'll like these plans too because they'll reaffirm your faith, confidence and admiration in and for the house of wood. The book will show you a home suited to your needs, to be built throughout of Arkansas Soft Pine—a wood of tough strength in the structure, paint-holding surfaces for the exterior and rare beauty for interior woodwork, all in keeping with your desires and pocket book.



Just enclose 25c, coin or postage, with the convenient coupon below and give yourself a real home-lover's treat. (Remember you can remodel from these designs as well as build anew.)

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Arkansas Soft Pine is trade-marked, grade-marked and sold by dealers east of the Rockies.

ARKANSAS SOFT PINE TRADE MARK REG. U.S. PAT. OFF.

For Full Information Mail the Coupon

FIRE confers the GIFT of IMMORTALITY

THE Ancients, with strange rites worshipping fire as a potent symbol of the sun, ascribed to it the power of conferring immortality.

The Moderns, bringing—in laboratory and research department—practical miracles to pass, made the myth a reality, through Natco Hollow Building Tile.

Hundreds of feet in the ground the clay that forms the base of Natco Tile is mined. Conveyed to factories it is molded to scientifically designed shapes. Placed in great kilns, searing heat transmutes it to stone—granite-like, time-defying.

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For every type of structure, there is a Natco Hollow Building Tile. In every type of structure, Natco will give complete and lasting satisfaction.



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The Only Concern in the World Whose Exclusive Business is the Manufacture of Structural Clay Products

NATCO

NATCO
THE COMPLETE LINE of HOLLOW BUILDING TILE



OAK Floors outlive these homes

Generations from now, a "Perfection" Oak Floor will still retain all of its original beauty. Yet it costs no more than ordinary oak flooring.

Its texture and pattern make possible a finish that is seldom found on any other flooring. You will want "Perfection" laid in every room, upstairs and down, once you see its shimmering surface.

"Perfection" Oak Flooring is perfectly matched so that it lays smooth, and properly seasoned and kiln-dried so that it stays smooth. It is made in three modern plants by skilled lumbermen who have devoted a lifetime to this work. It is nationally advertised so that the best lumber dealers have it in stock.

ARKANSAS OAK FLOORING CO.,
PINE BLUFF, ARK.

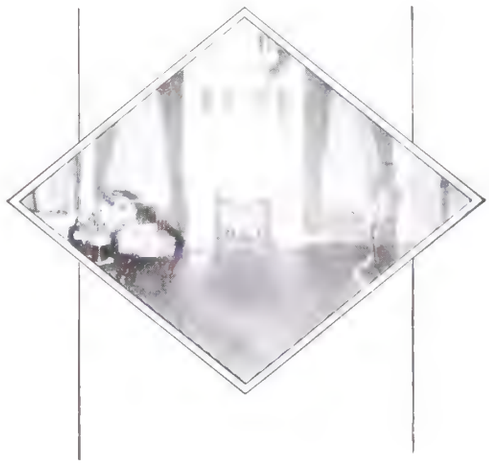


'PERFECTION' Brand Oak Flooring

Specify

ARKANSAS OAK FLOORING CO. PINE BLUFF, ARK.
'PERFECTION' BRAND OAK FLOORING
ALEXANDRIA, LA.
PERFECTION OAK FLOORING CO., INC. SHREVEPORT, LA.

U. S. Pat. Off.



There's a size and grade for every type of structure, new or old. Ask your architect or building contractor for an estimate, or write us for details.



Fine Cars *Deserve* Fine Oil

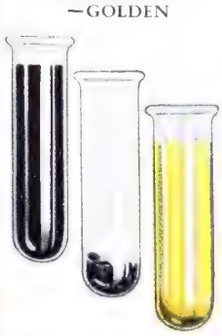
People who know their way about in the world, and whose lives prove it, have very simple solutions for motoring problems. They instinctively trust the leadership built by quality.

The clean, clear, golden Texaco is as natural a motor oil for them as the good lines of the cars they drive or the clothes they wear. By itself they might not give more than a passing thought to the color, but with a world-known name shining through it—they are content. To them technical perfection of Texaco Lubrication is implied.

On the Road or on the Avenue, they naturally roll up to the Texaco Red Star and Green T for lubrication service. THE TEXAS COMPANY, 17 Battery Place, New York City.

Texaco Petroleum Products

Buy motor oil by name
—TEXACO
Watch the color
—GOLDEN



The crude oil in the tube on the extreme left is dark in color. Texaco refining removes *all* the dark residues (as in the middle tube), leaving the clear, golden Texaco Motor Oil in the last.



CLEAN, CLEAR, GOLDEN

TEXACO

MOTOR OIL

New in its every aspect ..*Strikingly* NEW!

THIS is the most momentous period in Pierce-Arrow's twenty-six years. It marks the arrival of the Pierce-Arrow 81—a new motor car which strikingly transcends all predecessors—which in beauty and performance incorporates significantly more than even Pierce-Arrow ever before offered.

Its charm and symmetry—its distinctively Continental atmosphere—its spirited lines and poise—render it irresistible to the eye.

Rich in interior appointments, as one naturally expects of a Pierce-Arrow, it will entice the most fastidious . . . Revolutionary in its responsiveness, it will instantly captivate the most critical driver . . . Distinctively Pierce-Arrow, it is an unmistakable social asset. For Pierce-Arrow is and always has been *the* car of *fine* cars.

The Pierce-Arrow 81 is generously roomy and luxuriously comfortable. It is in no sense a small car. THE PIERCE-ARROW MOTOR CAR COMPANY, *Buffalo, N. Y.*



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DIRECTORY of DECORATION & FINE ARTS



EARLY AMERICAN Inlaid Chest, fine condition, $150. Fine pair of Crystal Ormolu Lights, pair $100. Very fine, large Lowestoft bowl, prize condition $150.

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Furniture and Decorative Objects
French — Italian — and English
Floor plans, Interior Architectural details: Schemes for the complete house.

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148 East 55th St. New York









BRAUS IMPORTS
IN THE JANUARY SALE

$55.25

This Jardiniere is another typical January reduction, the bowl being hand-hammered copper, diameter 14½ in. and the stand a fine example of hand-wrought iron in scroll and flower motifs, 40 in. high. Reduced from $65.





Braus Galleries particularly

Decorators and Keepers

Catalogue

BRAUS GALLERIES

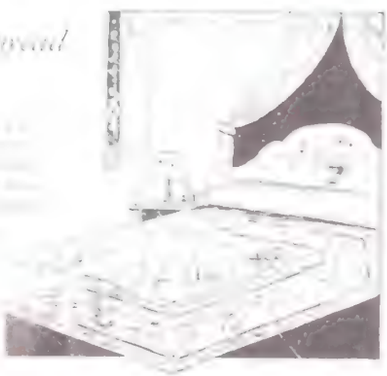
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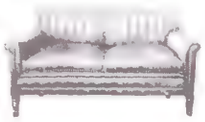
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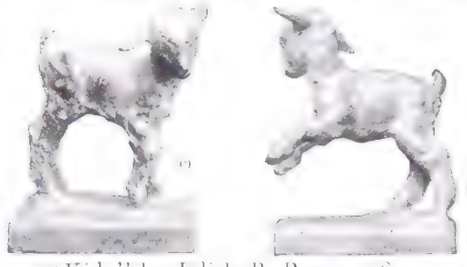
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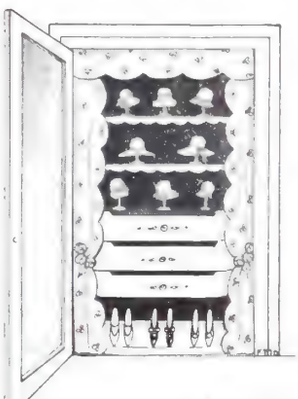






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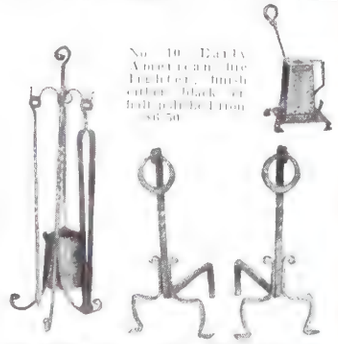
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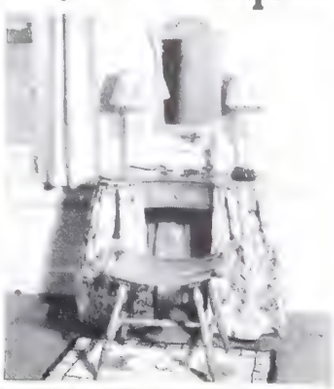


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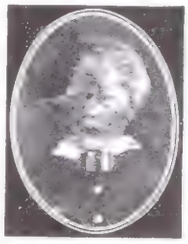
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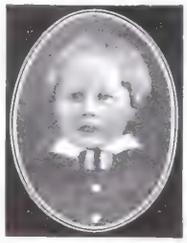
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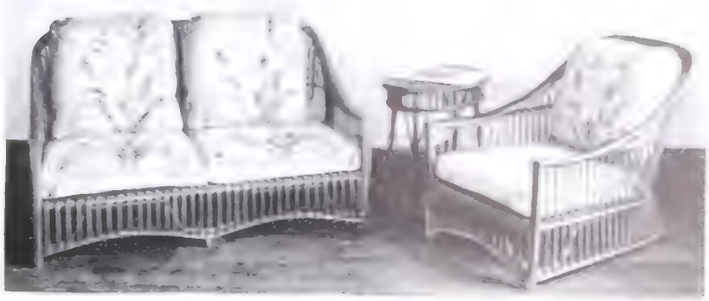


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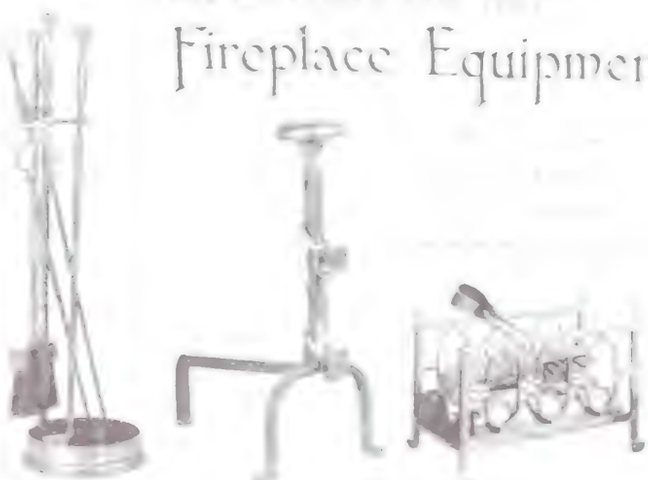
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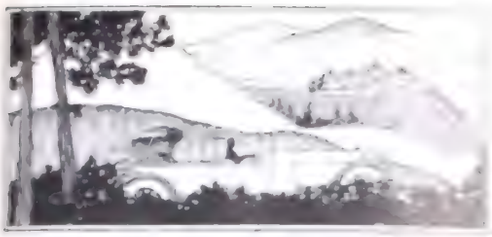


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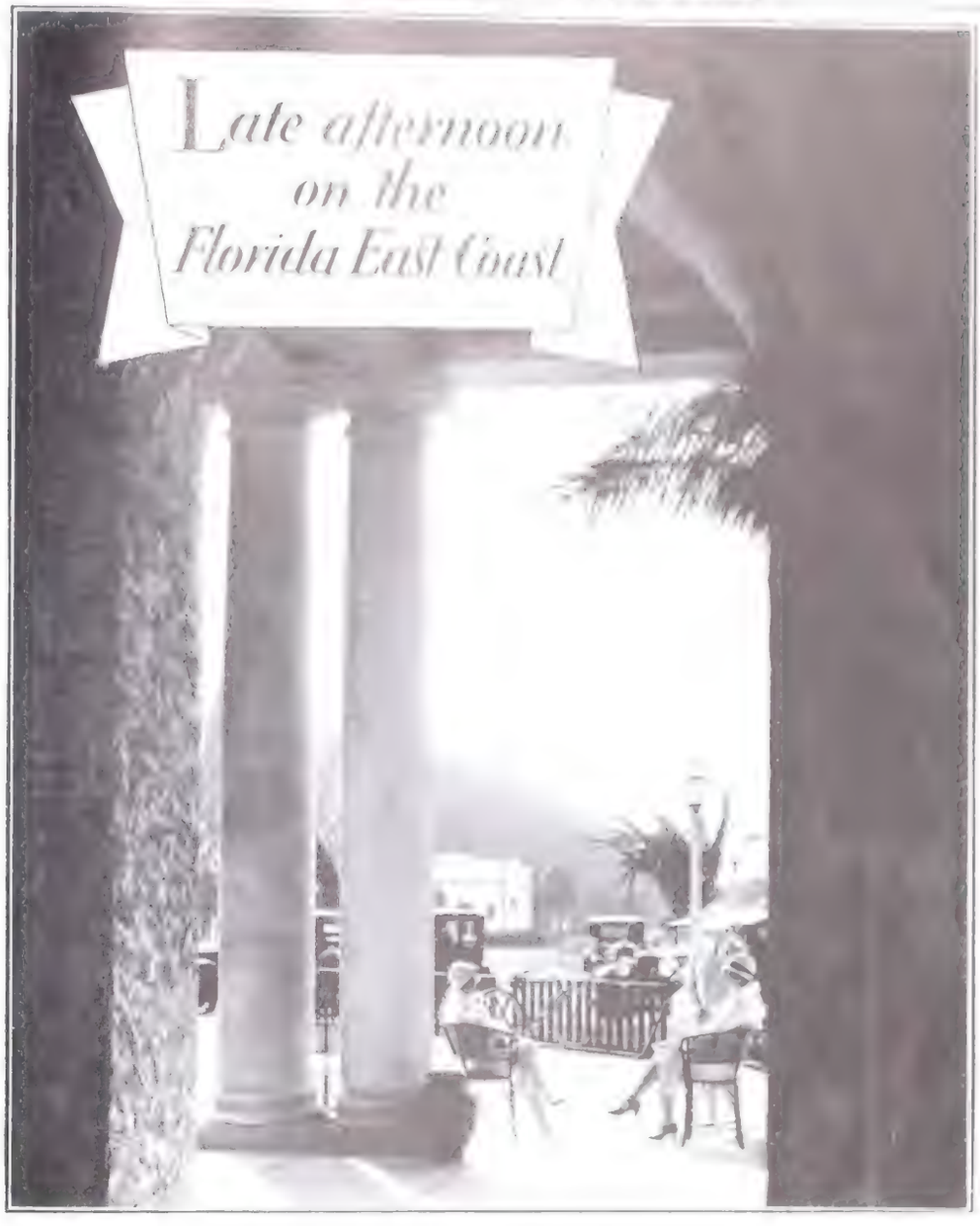
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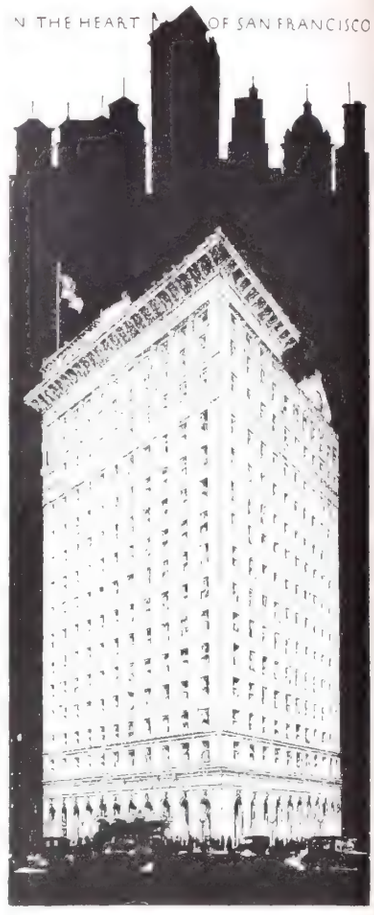
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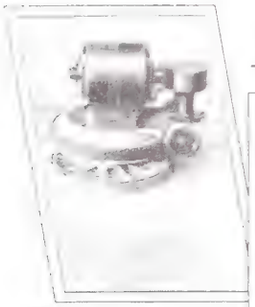
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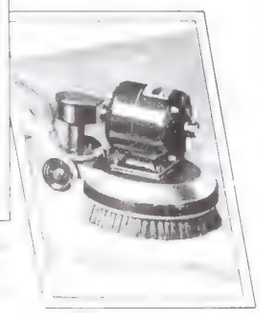


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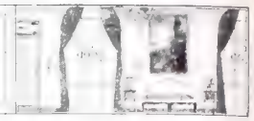
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to feel that you are backing him up, so to speak, as this will do a lot to give him confidence. To this end, handle him quietly and, if he shows any signs of fear, reassure him fully before you carry the experiment any further.

It sometimes happens that, for one reason or another, your dog already has a well established case of timidity—perhaps as a result of something which happened before he came into your hands. In such a case it is always worth trying to cure him, but I must confess that there can be no guarantee of success. Once a dog becomes genuinely timid, getting over it is problematical.

For such a situation, constant reassurance and caution on your part offer the only chance. Your task will be to build up, little by little, a realization of the fact that every shadow or each sound does not imply sudden destruction. Shocks and startling occurrences of every sort must be scrupulously avoided. Lack of confidence is at the bottom of the trouble, and nothing can be permanently accomplished until this condition is remedied.

Your own good judgment is going to play a very important part in the final outcome. There will be times when words and pats alone will suffice to restore the dog's mental equilibrium; there will be others when only physical holding and a deal of reassuring conversation will have any beneficial effect. It is essential, of course, to be patient and keep constantly in mind the fact that the situations which inspire fear in the dog, however absurd they may seem to you, are of immense reality in his sight. He may be the victim of an inferiority complex, sensitive imagination, or unfortunate experience—that is immaterial. The real point is that his self-confidence is conspicuous by its absence, and that it is going to take time and a lot of careful, patient handling to bring him up to normal.

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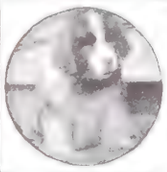
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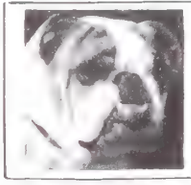


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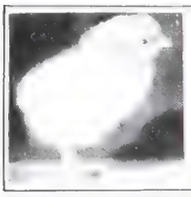


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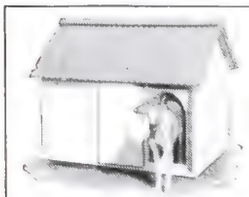
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In 42 months Chrysler, due to public endorsement, has come from 27th to 3rd place.

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I [illegible] temporary [illegible] antiquarian M. Hartcourt of the Met[illegible] tardy, object of art and [illegible] paradise [illegible] have to be [illegible] to-morrow, like [illegible] up with [illegible] by [illegible].

Rome in its heyday seethed with collecto[illegible] The antiquity [illegible] located in [illegible] for them were [illegible] the Imperial City [illegible] treasures. [illegible] held in auction [illegible] the auctioneer [illegible].

Of course the [illegible] the market and antiquarians [illegible] otherwise business. In Rome [illegible] ally done by Greek [illegible] men. With such a [illegible] antiquarian of Early [illegible] to model about [illegible] [illegible] eclectically [illegible] to make Rome.



FROM time to time [illegible] discussed [illegible] Pacific Coast [illegible] Southwest. We now come to San Antonio.

In San Antonio one finds a city peculiarly devoted to the pleasurable [illegible] The new auditorium in which popular concerts are given is a noble monument to [illegible] Its architecture and the engineering that went into it speak highly for the native talent of the city. Besides this auditorium is a park given over almost wholly to the idea of play. In many of our cities we have parks where [illegible] children are permitted to walk decorously and observe the wonders of Nature [illegible] the park architect. But here in San Antonio the city fathers have brushed away that quaint notion and most of their park space is to play in. Children of all ages are accommodated, and if you're too old to play you can go look at the monkeys. Then too there are, in the outskirts of San Antonio and jealously treasured, the remains of old Missions that have an architectural beauty not to be found elsewhere.

On such a basis one might believe life to be about ideal for the aspiring citizens of San Antonio. There is just one fly in the ointment—San Antonio's knowledge of modern city zoning is based either on gross ignorance or crass neglect. It sorely needs a zoning law which will [illegible] its fine streets of private homes being ruined by unnecessary and ugly apartment houses.



THE dilatory ways of builders are no recent development. No less a personage [illegible] Washington had his troubles with [illegible] manifest from correspondence which, says Rupert Hughes in his *George Washington, the Patriot*, the great general had with [illegible] Lund Washington. It seems that Lund had been left in charge of George's affairs and [illegible] during the Revolution received a [illegible] 'quicken' the carpenters about the [illegible] chimney piece, 'as I could wish to have the House completely finished before I return.'"

Where these rare dream flowers [illegible]
A gardener with [illegible]'s [illegible]
There is no [illegible]



A [illegible] being produced in this country, we would [illegible] of a deep sleep hasn't fallen on the manufacturers. Authentic Early American patterns are [illegible] believe that inspiration has been drawn from [illegible] manufacturers. The trade [illegible] with our architects [illegible] Hardware. Great store was set by such details in [illegible] its appropriate [illegible].

S[illegible]



O[illegible]

[illegible] a better [illegible] to play [illegible]."



D[illegible]

[illegible] is an Art [illegible] placing in [illegible] architect [illegible] Eleven Parks, a new park in [illegible]



THE COTSWOLDS COME TO PENNSYLVANIA

Blending the Pennsylvania Colonial farmhouse and the Cotswold section of England is a stuccoed brick. They are blended, making an architectural link between America and England. And this they were combined by the hands of W. Pope Barney, architect, located at Wallingford, Pennsylvania



HOUSES BUILT OF NATIVE STONE

Lovely [illegible] Illustrated [illegible] Colonial [illegible]

Homes [illegible] Native [illegible]

DAYTON [illegible]

WHEN Man saw his first home, [illegible] constructed of rock and branches, [illegible] comb inevitably to the destructive [illegible] of Nature, almost before he [illegible] commenced to enjoy the fruit of his labor [illegible] must have cast about him for some material which gave promise of offering [illegible] resistance to those elemental forces.

The probability is that stone [illegible] immediately to him, due to its apparent ability to resist these forces successfully. When he had erected the first boulder [illegible]









namely, the house and the mansion.

have continued merrily on its primrose path until nothing but the exigencies of the plan (and in the latter days these failed to express themselves in the apparent external structure) differentiated it from the public building. All this time, however, the smaller house was gradually working out its own salvation, and slowly but surely investing itself with new character and individual charm.

This was being accomplished principally through the fact that in the smaller house the exigencies of plan were expressing themselves frankly on the exterior and thus were determining for the individual house its particular character, inasmuch as its exterior appearance was a frank expression of its inner arrangement.

Nor need the small native stone house follow any cut-and-dried architectural designs. Throughout Brittany, Normandy and in the country districts of France generally, we find a wealth of smaller houses all distinct in character and offering obvious inspiration to the house builder of today. The countryside of England abounds in interesting examples of this





smaller type of house, and the variety of materials to be found in the various localities would compare favorably with that of any country. With several of these types of houses we are already familiar, so that what we have said of the houses of the Cotswold type we do not feel that we need explain more fully. In fact, practically every stony section has evolved its own type of house, so that the variety of designs available to those who intend to build is almost legion.

From the outset the smaller house has had the advantage over her more pretentious sister, the mansion. Whereas in the larger house grandeur was apt to be the keynote of all that was attempted, in the smaller home simplicity and





On the garden side the wall is extended, giving a sheltered surface for the vines trained against it. The bay window is in the dining room

pathways and walls, the house may be extended out into its immediate surroundings, and thus make with the nearer landscape a single unit well bonded together by the constantly recurrent note of the stone. It is this quality of being welded to its surroundings which gives the house of local stone the advantage over houses built of other mate-

the development of its immediate surroundings you accomplish results out of all proportion to the amount of energy expended. Each slab of stone laid in a pathway, each boulder set in a wall is but one more note in the harmony of your house and its landscape surroundings. It is the pebble thrown into the still pond causing concentric waves, each one diminishing in intensity until they die out in the tall grasses at the water's edge.

This tonal and material projection of the house into its surroundings is what comes to mind, in after years, when one recalls the impression of certain English villages, such as Broadway in Worcestershire. The complete unit composed by house and grounds



CLUB

THE RIGHT TEXTURE OF STUCCO



The Château de Ramezay in Montreal dates back to 1705 when it was built by Claude de Ramezay for the Governor's Residence. Its pointed towers and heavy walls are directly transplanted from Brittany. Today the building serves as a museum

HOUSES IN FRENCH CANADA

Practical Inspiration for the Small American House Is Found In These Habitant Houses of Quebec

EDWIN LACLEDE HOWARD

With the United States having been a little untrue to the early French settlers of the country, speaking architecturally, only [illegible] have we realized what delightful adaptations may be made of the manor French domestic architecture. Of course we had the [illegible] turrets of the Brown-Hough period, but the French feeling was rarely well designed. The English introduced their complement of supposedly flattering imitation, but in the New England Colonial [illegible] and Tudor half-timber [illegible]. The Dutch Colonial influence has been rampant, especially with the modern [illegible] suburban houses. And the Spanish feeling has swept the country with a wave of vari-colored stucco which is very often out of place in the temperate zone. Perhaps we should not include California in the temperate zone because the results there have been very fine, but then, in California "every prospect pleases," or at least so feels the Californian. The same applies to Florida.

The old mode of building in New Orleans has been reintroduced, but it is the character of such buildings as those found in Normandy and Brittany which best lends itself to general adaptation. We are inclined to forget that here in America many such French buildings still exist, built by early French settlers at about the time our best New England Colonial work was being done. Canada, in the Province of Quebec, holds the majority of those charming old French structures.

Every year more Americans are crossing our northern borders and bringing back with them memories of the delightful farmhouses of the old *habitants*. In Canada we can see the steep roofs of Normandy adapted to our own countryside and to our own methods of building. The old roofs there are wooden shingled in place of the tile or slate of France; and wooden walls, sometimes stuccoed over, replace the European ones of stone. An example of this adaptation may be seen in the building which is used as the post-office of the little town of Ste. Marie, Beauce. Here the roof is steeply pitched and covered with shingles; here the dormer windows of France are translated into American and the walls are clapboarded. The cornice springing in a great curve from the wall is a graceful, typically French-Canadian development and is worthy of especial study. It is made of boards three inches wide, laid lengthwise. The doorway might almost be in New England, it seems so familiar, but it has a subtle French feeling, and the very low picket fence gives a sense of delicate scale to the composition.

A marked characteristic of French Colonial work is the fine proportion between wall surface and roof surface. In a small building when the roof is brought down over the second story so that the general effect is low, the result is usually very satisfying. This proportion may be seen in the farmhouses on the opposite page.

Of course when the line of the cornice is lowered, it is necessary to introduce dormers, but in a house of modern construction dormers are much to be desired. The roof can economically be insulated from heat and cold by a number of different methods and the space under the eaves gives room for lockers and the many closets which the modern housewife demands. Also, the window recess forms a splendid place for the radiator, which may be covered with a built-in window seat and thus hidden from sight.

If the American of today could be brought to study the advantages of dormer





window with the added charm which they create and the charm of their appearance on the exterior of the building modern small houses would lose much of their awkwardness. The windows themselves of this style are almost invariably casements and open in, but casement windows opening in are subject to the objection of admitting air and water and interfering with the proper hanging of draperies. The same effect may be had by opening the casement out, and for modern building the most casement, of which there are a number of







A CORNISH MANOR HOUSE IN COLORADO

Divided, the living and morning room opened partially by the overhang of a wing is this flagged terrace, with Roses trained against its posts. The molded plaster between the half-timbering and the exposed hand-hewn beams follow Cornish precedents





Pink and red sadstone slabs form the entrance hall floor. These are waxed. A plaid door and a low beamed ceiling harmonize in spirit with the rugged textural effect of the brick walls. The morning room is directly ahead

WHEN MIRRORS ARE COLORED BLACK

Made of Solid Black Glass, or Painted Plate Glass, They Introduce A New and Interesting Note in Wall Decoration

STEPHEN BARR

Instead of the fact that mirrors are [illegible] ornaments out of the most valuable elements in decoration, one rarely sees mirrors [illegible] attempts these days to make them a really important factor in the furnishing scheme. Decorators are generally content to use a mirror in place of a picture, or above a console, or over a mantel, and while these conventional uses are excellent in an interior which needs enrichment of this kind, they are a far cry from the inspired mirrored treatments characteristic of 18th Century decoration, particularly in France. The French frequently built entire walls of mirrors and the fact that this device has been dropped to such an extent is due in a large measure to the gradual changes that have come about in rooms in general.

[illegible] and wall spaces of noble proportions the image is continually pleas[illegible]. Unfortunately, we no longer live in [illegible] the florid regularity of the [illegible] Queen Anne [illegible] the present day interiors, which are generally small and far from ideally proportioned, either of these treatments is out of place, particularly the mirrored background which reflects with such appalling verity all the architectural de[illegible].

A black mirror reflects everything in proportion, but in a lower key. The result resembles an oil paint[illegible] graduated chiaroscuro. Ordinary objects with little or no beauty in themselves become decorative and interesting when reflected in the limpid depths of black glass. [illegible] kitchen would reflect an image possessing the mellowness and richness of an [illegible]

ordinary living room, it does everything for it that the white mirrors do for the great hall at Versailles, but without the sharply defined hardness of the latter treatment.

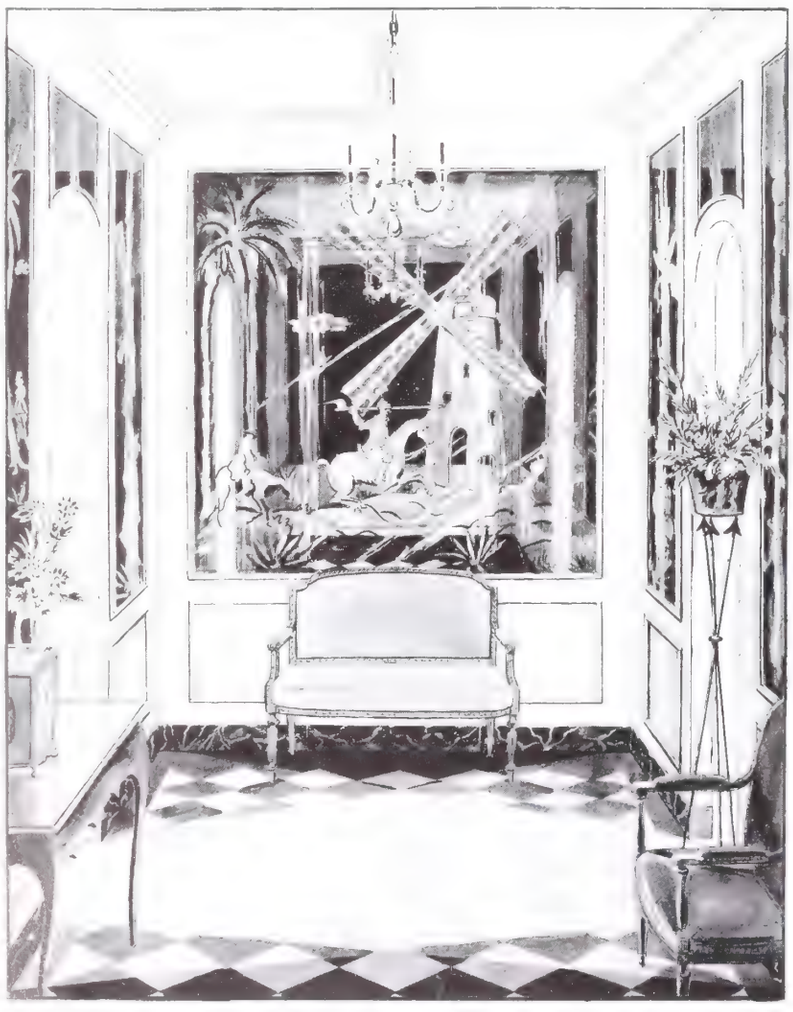
There are two kinds of black mirrors: those made of solid and polished glass, and those made by coating ordinary plate-glass with black paint on the back surface. The latter have always been the commoner, being easier to make. They are almost as effective as the former except that when seen from an angle the image is blurred, owing to the multiple reflections obtained from both the front and back surfaces.

The solid black glass mirror used to be made in China at great expense by the fusion of ruby, green and manganese-purple glass. The result was an intensely black, absolutely clear mirror which, because it reflected from the front surface only, showed no blurring when viewed from any angle, [illegible] quality found not even in the white mirror.

Landscape artists used to carry a small piece of polished jet in which to view the image of any scene they were about to paint. The purpose of this was to reduce the tones to the same scale as a painting without altering their relation. This was useful in determining the depth of shadowing necessary to build up to an appropriately bright sky. Scenes reflected in black mirrors have this soft quality of a painting due to the lowering of tone, preserving at the same time every colour and all the gradations of light and shade.

No firm manufactures black glass mirrors today, and it would seem that one was forced to use the slightly inferior painted variety. This problem, however, can be overcome. The black glass counter-tops supplied to drug stores are of precisely the same material as the old Chinese mirrors, and although the plates are usually very thick, they can be supplied cut to any specified dimensions. When new, this glass usually has an excellent polish.

One hopes that the present exaggerated craze for antiques will eventually give way to a more modern method of furnishing. Imitation of the past in every phase of interior design may almost be said to have gone too far, and without recourse to extreme *art nouveau*, something should be done to evolve a *manière* of the present. Black mirrors, though by no means a new idea, have never been properly exploited. They are decorative and an interesting departure from the conventional types of silvered mirror, and now that one can obtain polished black glass, unusual effects may be obtained by panels set into the wall, or with separate mirrors framed in colorful borders of Chinese lacquer.



[illegible] panels of black glass painted in vigorous designs depicting the [illegible] adventures of Don Quixote. Designed and drawn by Victor White



OUR HOUSE AND GARDEN IN FLORENCE

WE read in the fairy tales, [illegible] about the witch who waved her wand and thereby changed the pumpkin into a coach and the mice into prancing steeds. We were probably amazed and [illegible] without thinking that perhaps [illegible] one is often confronted by just such a situation as was Cinderella. Our [illegible] pumpkin may be a second-hand car to be traded in for a new one; or last year's clothes to be made over and [illegible] a barn to be changed into a [illegible] whatever the pumpkin, the magic wand is usually Dollars and Cents. Just how to tap the pumpkin in the right place and bring about the miracle, without [illegible] wand, is the thing to know. [illegible] amount of good sense and taste must now be substituted for witch-craft.

When building a home, many [illegible] is confronted by the problem of [illegible]

[illegible]

[illegible]

ROBERT [illegible]

it is wiser, and in the end more satisfactory, to alter an existing house or to build a new

fully. Certainly the [illegible] of creating one's own surroundings is in the beginning to the [illegible] problem most satisfac-

tion is the [illegible]

details or distinction. The walls were splendidly built, as was the roof; and the rooms were sufficient in number, [illegible]

and decoration. The stable was attractively located in the heart of a desirable district.

edly impossible to buy or find land to construct. Large shade trees surrounded it in the front, leaving at the back, where





Looking down the length of the pool is a glimpse of the Fiesole hillside framed by tall cypresses that set it to the edge of the terrace, a little stream where Boccaccio loved to stroll. The view below is toward the house from the pool in the garden's center and across terrace that [illegible] foundations

[illegible] the great merit that it could be finished for very little. Even the most [illegible] additions planned [illegible] to considerably less than the [illegible] so it was [illegible] the question became simply the question [illegible] order to insure this, the pernicious pest, the kindly friend, with all his well-[illegible] suggestions about "why don't you do this or that" and "I know someone who has done it this way so attractively," etc., was carefully excluded by tactful signs, a barbed wire gate and a general lack of invitations to any to see the place until after it was completely [illegible]. Then the work began.

The entrance front was lacking in all expression, as a face that has eyes only, with no mouth or nose. The hair grew nicely on the head—that is, the roof had a good overhang and style to it; and the windows on the second floor with their emerald green shutters did their share of looking out brightly on the world. But it was not until the generous front door was cut and trimmed with stone, a wrought iron bell and lantern added that one could begin to see any possibilities of its ever being a house and not a stable. There was no room inside for the servants' stairs, so that was added on the outside, as is so often done in the case of simple houses in Italy. This practical necessity became at once a very decorative feature balanced somewhat by the garage at the other end of the façade.

Having secured the Holy of Holies, the garden at the back, from invasion, since





e garage, service and
n entrance were placed
front, the inside was
ckled. The entrance hall,
rmerly the hay-lott, was
aulted on a ceiling of plas-
r on wire lath designed
fter the 14th Century
lorentine models, making
setting for the stone
pitals, hand carved ex-
mples of six centuries ago
nd a present to the house.
The drawing room, luther-
the wagon and cart room
f the stable, was cleaned
and painted in imitation
f paneling, an 18th Cen-
ury method. The cistern
as drained and turned into a little card
om, the stalls into a dining room. Upstairs
e hostlers' rooms and the gardener's quar-
rs were transformed by scraping and
inting into bedrooms and baths, and the
ouse was ready for occupancy.

The garden presented an entirely d

AMERICAN BRED PLANTS FOR AMERICA

This Year, As Never Before, the Flower Catalogs Contain a Wealth of Improved Offerings Well Worth Including in Our Gardens

F. F. ROCKWELL

THE story of America's rise as a producer as well as a consumer of better plants is too seldom told. It is not yet complete, but far more than the opening chapters have already been written. The record as sketched in this article is a tribute to the skill and adaptability of our present-day growers no less than to the discrimination and taste of the countless American gardeners who buy their seeds.—Editor

Of the choicest assortment of garden traditions which have been bequeathed us from "over the pond," one of the last to die has been the assumption that we must look to Europe for all the finest things in the way of flower novelties.

It is, of course, wholly natural that the brotherhood of private gardeners of the past generation, trained almost entirely in the Old World school, should retain to the bitter end not only Old World methods of doing things, but also a deep seated conviction that the best seeds and plants as well as the best methods must come from the other side. And it is also natural that our own horticulturists should have long suffered from an inferiority complex which made them hesitate to dispute openly many of the traditions they had begun to doubt.

If we were told, for instance, that we could not plant Peonies in the fall, or that a Rose bed must be made in clay soil, excavated two feet deep and sub-drained with broken stones, or that perennials were best sown in July and August—why, we passed these things on in public, whether or not we practised them in private. Even in such a peaceful occupation as gardening, it takes much moral courage to become a [illegible] and to [illegible] new doctrine.



When the pioneer American seed growers began to produce seed on a large scale, one of their greatest handicaps was the existing prejudice in favor of imported seeds. In the beginning, this prejudice was probably justified. Seed growing is an art as well as a business, with problems and difficulties of which the uninitiated can have little conception. But the prejudice remained long after any reason for it had ceased to exist; to such a degree, in fact, that for many years it was an open secret in the trade that tons upon tons of California grown seed was shipped in bulk to Europe, so it could be returned later to fill the insistent demand for "imported" seed! Realization of the fact that our own good American grown seed was quite as reliable [illegible] was extremely slow in coming. But it finally came.

This, however, was only half the battle. All the leading seed houses still sent their representatives abroad, almost every year, to find and procure the novelties or new varieties which were considered the life-blood of the business. Brought back to America, given new names, well fertilized with adjectives such as might have turned Barnum's press agents green with envy, they were "introduced" to the American public in such a way that there was the assumption, if not the definite statement, that they had actually been developed by the houses listing them. This practice not only resulted in a multiplication of duplicate names, but when it became generally known, as soon happened, that most American introductions were merely European varieties which had been re-named on this side, American seed growing received another black eye in the opinion of the general public. Naturally it was felt that if American seedsmen could not either produce or find in America worthwhile things to offer, it was simply because there were none to be found.

Quite naturally the amateur followed the lead of the seedsman in looking to Europe for new things; and when, later, the seedsman tried to convince the amateur that American made varieties were just as desirable, the latter was somewhat slow in accepting his word for it.

At the beginning, of course, the European plantsmen had a tremendous advantage as far as the development of new varieties was concerned. They had not only a mastery of the technique of the work, but also branches in their organizations developed to handle it, and individuals with years of training and experience to look after the highly specialized details of procedure. Of equally great importance was the army of expert amateur gardeners and hobbyists who had long since passed the stage of merely "growing plants," and had assembled notable collections of flowers and undertaken hybridizing and breeding. Many of the finest of the new things in our gardens today are the direct results of the enthusiastic work of this body of amateurs, made up of such men as the Rev. W. Wilks, to whom the world owes the Shirley Poppies and the new Giant Shirley Foxglove. At this time, there was no similar body of amateurs in this country. The gardening on most of the larger estates was left entirely to professional gardeners of the old school type, and comparatively little in the way of new plant creations has ever been contributed by this class of gardeners either here in America or abroad.



It would be difficult to say just where or when came the impetus which gave plant breeding in America its real start. Undoubtedly, several factors contributed to it. It was but natural that American seedsmen supplied with "stock" seed of the standard varieties, and of the new things from Europe, should begin to give some thought to the improvement of these strains as soon as they had mastered the mechanical side of seed production. It is also a well-known fact that when seeds are removed from one climate or locality to another the new environment greatly increases the chance of natural mutations or "breaks," which sometimes are immediately valuable in themselves and at others serve as the raw material from which the plants produced may develop something worth while. There is no doubt also that the tremendous success which both professionals and amateurs achieved in creating new varieties of such things as the Gladiolus and the Dahlia must have had a very stimulating effect upon those who were dealing with other kinds of flowers. In any event, and whatever the causes may have been, this development has set a record which has probably never been equalled anywhere in the same length of time, and has now settled down to a pace which seems more than likely to overtake any lead which Europe may have had. How generally unrecognized this fact has been, was shown by the widespread alarm

(*Continued on page* 144)



A LITTLE PORTFOLIO of GOOD INTERIORS



Hewitt



The furniture shown in the portfolio this month is in the residence of Mrs. F. G. Spruance, at Greenville, Greene County, Ohio. The small picture at the top of the page shows a corner of the drawing room. Other views will be presented in future issues.





The spacious library, in the manner born, with its dignified background of muted pilasters, has soft curtains of claret-colored silk over massive gates. The sofa is covered in burgundy velvet and the low coffee table is of a blonde lacquer type

Screens used in an unusual manner lend distinction to the long gallery. Here the wide doorway leading into the dining room is flanked by a pair of antique leather screens ornamented with gilding, tooling and landscape scenes painted in soft, faded colors





[illegible] the drapery of the dressing table. [illegible] rug in orange, coral and cream, the same color being repeated in the needlepoint chair seats. De[illegible]

THE COLLECTOR CONSIDERS MINTON

Although France Influenced Many Early English Porcelains, It Remained For Minton to Reproduce the Elegance of Vieux Sèvres

EDWARD WENHAM

In the examinations of our colleges, to [illegible] to specific departments of the arts is long been recognized. But until quite recent years the pedants restricted this recognition to that esoteric group included in the more [illegible] humanities, composed of painting, literature, music and the like. Today it is acknowledged that those more often spoken of as the industrial crafts may equally claim to rank with the arts, laymen and craftsmen alike conceding that interdependence between science, art and craft which, actually, has always existed. For the chemist may [illegible], the object, but the ultimate expression of their knowledge and skill is always to be found in the work of the craftsman.

This is especially the case with ceramics, and the student may trace the reliance of the potter upon the chemist from the time when metallic oxides were first used for decorative purposes and when the proper proportions of the various constituents composing the paste or body were the outcome of the ancient scientists' experiments. Nor has the necessity for the assistance of science in the potter's art ever entirely ceased, although during the 18th Century there was a more noticeable application of the [illegible] knowledge to pottery, for at this time their efforts were directed to the discovery of the method by which the translucent paste of the Orient was produced. This period has held and will continue to hold a particularly marked fascination, even if the subsequent variations in the types of pastes are at first somewhat confusing. Yet, withal, there are distinctive characteristics between the "true" or hard paste of the East and the several formulæ for "artificial" or soft paste which derived from the compounds of the European chemists. And it was due to the indefatigable labors of the English scientists at this time that the porcelain of that country attained the eminence which it has since held, even if many of the designs and decorative motifs used were borrowed from Europe.

Despite the success which later attended their endeavors and which culminated in the "true" porcelain of Cookworthy, when he discovered kaolin clay in Cornwall, the greater proportion of English porcelains come within the category of soft pastes, of which a large number are of the type known as "bone." This frequently misunderstood term, perhaps, may be better illustrated by describing the process by which the Minton porcelain body is made; for this factory, which was founded by Thomas Minton in 1793 and where at first only earthenware was made, some fifty years later under the management of Thomas Minton's son succeeded in producing a porcelainic body by the "bone" method which has been used at this factory since that time. The chief ingredients are the china clay mined in Cornwall, a fusible stone also found in that section of England, and calcined bone. Of these, the latter is by far the most important, constituting as it does almost half the mixture and insuring that soft translucency by which this porcelain is rather easily distinguished.



Copied from the original, now in the [illegible] Collection, this Minton jar [illegible]

To procure this essential the large bones of animals are cleaned and calcinated in a huge furnace specially equipped for the purpose. The resultant friable powder (which is, of course, white and infusible) after being ground is mixed with the ground stone and clay, to which is added a certain proportion of frit or glassy ingredient. This mass is again levigated and then "wedged," which is the technical term for slapping large pieces of clay one against the other to expel all traces of air; otherwise, small pin holes would appear in the surface of the body of an article after firing, this being evident in many of the earlier pieces of Bristol and Plymouth porcelain. But if the utmost care in preparing the clay is necessary to insure a perfect article, failure in this respect is but one of the many obstacles that militate against the potters' success. For with all the advantages that modern machinery affords to many manufacturers, the china maker has to rely to a great extent upon the simpler methods of bygone times. Today cups are still made on the old "thrower's" wheel, while plates are equally dependent upon the handicraft and skill of the workman for perfection.

After having fashioned a piece, the potter has not overcome all the difficulties in connection with the making of this delicate ware. In firing, even greater precautions are

(*Continued on page* 116)





From an old pilgrim bottle has taken the shape for this decorative vase, on which classic ornaments have been placed. The ground is dull blue



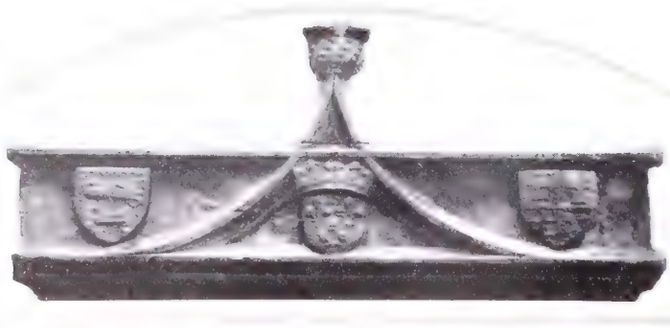












Combining old fragments with new wood is a common practice of the antique-maker. This 15th Century beam was the only old part of a mantel that claimed the 17th Century as its origin

HOW THE TASTE FOR ANTIQUES BEGAN

Each Century Has Shown a Fine Disapproval for the Creations Of the Generation That Preceded It

EDMOND HARAUCOURT

NO period in art has ever professed the slightest infatuation for the period which has immediately preceded it. Each succeeding generation, far from admiring the one from which it springs, disapproves its tastes, its ideas, its art and even its literature. This is only human. Youth, anxious to shake off the more or less burdensome rules which it has been taught at school, decides to remake the world—to make it a better place in which to live and love. And no pains are spared in the undertaking. Hugo, Dumas, Scott is called to mind. The entire history of the Middle Ages is overhauled and disdained of the most contemptuous which were but recently in use.

This contempt or disapproval of the period which has gone before is naturally accentuated [illegible] centuries of history. We see it very plainly demonstrated at the present moment and it was just as evident during the first centuries of the Christian era, when the barbarians overturned the Roman Empire. It was [illegible] at the birth of the Renaissance, when toward the end of the 15th and the beginning of the 16th Centuries the great Italian artists crushed beneath the weight of their disdain the Gothics whom they replaced.

Today we gather in, with the same pious tenderness, works of the Renaissance and those of the Middle Ages; but such was not the case when these two schools, the one on the decline, the other on the rise, were each fighting for their existence. At that time printing had just been invented. It had become possible to transmit ideas from one country to another; human intelligence was fairly boiling over: a need of emancipation was agitating old Europe, and Protestantism had dared to raise its infant head against the authority of Rome and the Pope.

A similar movement began to take shape in the world of things artistic. The school of great artists which was then flourishing in the little Italian capitals became enthused over Greek and Roman art, of which the first knowledge had just been revealed, thanks to very recent excavations. The antique glory of Italy began to rise from the ground and show itself in the sunlight, renovated by the genial hand of those who had resuscitated it. From thence comes the name of Renaissance which can only reasonably be applied to Italy, since she alone was *reborn* out of her own past.

Now among the artists, at whose head might be found Raphael, none had any esteem whatever for their more naïve brothers of the *Trecento* and the *Quatrocento*, whose simple means of expression seem so touching to us today. As the chief personage of this archaic period was called Giotto, his disciples were dubbed by the name of their Master. In derision they were called Giottics, a name which purposely much resembled Gothics. Now in that ancient quarrel between the Guelfs and the Guibbelines, the word "Gothics"—synonym of "Barbarians"—was deemed insulting when addressed to the German, then enemy, party. It was successful—had quite a vogue, remained in the popular vocabulary, and to the present day the name of Gothic



Fragments dating from the 18th Century were combined in this cupboard by a 19th Century maker, a fantastic compilation that for a long period passed as 18th Century work





DESIGNING THE BLUE BORDER

Azure Flowers and Those of Other Hues That Best Accompany Them Throughout the Blossoming Season

DOROTHY HAMMOND

IN May, my border is in bloom with the large lavender clusters of French hybrid Lilacs planted at the back and the Darwin Tulips in pale pastel shades planted along the edge. By the end of the first week in June, the Tulip seed pods have been snapped off and the dark green Lilac leaves act as the background to the perennials, forming the most important garden effect in June. This background gives the effect of luxuriance to the border besides being the frame for this picture. A few taller growing native shrubs, as in the diagram, can be used to screen undesirable buildings near the border, or separate different parts of the garden, or protect the Lilacs along a street. The Hawthorns and Sweetbriar Roses are very useful because of their dense growth and thorny branches. These shrubs will give an irregular line to the background, which is always a desirable effect for shrubbery backgrounds. The French Lilacs form a screen of deep green leaves and make the cool blue and blue-lavender tones of the perennials stand out in agreeably high relief.

If we value backgrounds at their true worth, we will never be satisfied until they are a part of all our garden plans, for colorful perennials set at the base of a curtain of green leaves. But use discretion; a collection of shrubs belongs in a botanical garden, not a suburban lot. Adapt your choice of a background to the blooming season of the perennials and the location of the border. In a very small plot of ground, shrubbery borders are more satisfactory than walls, for airiness is essential in our hot summers. As I have written before, plant your backgrounds first—they need years to develop fully and attain sufficient size to act as a screen.

This border needs sun the greater part of the day. Neither the Tulips nor Lilacs nor Delphiniums want to grow in a shady place, and a border such as this in full bloom through the loveliest months in the garden, May and June, deserves a prominent place in the planting scheme. An east, west or south exposure will be satisfactory.

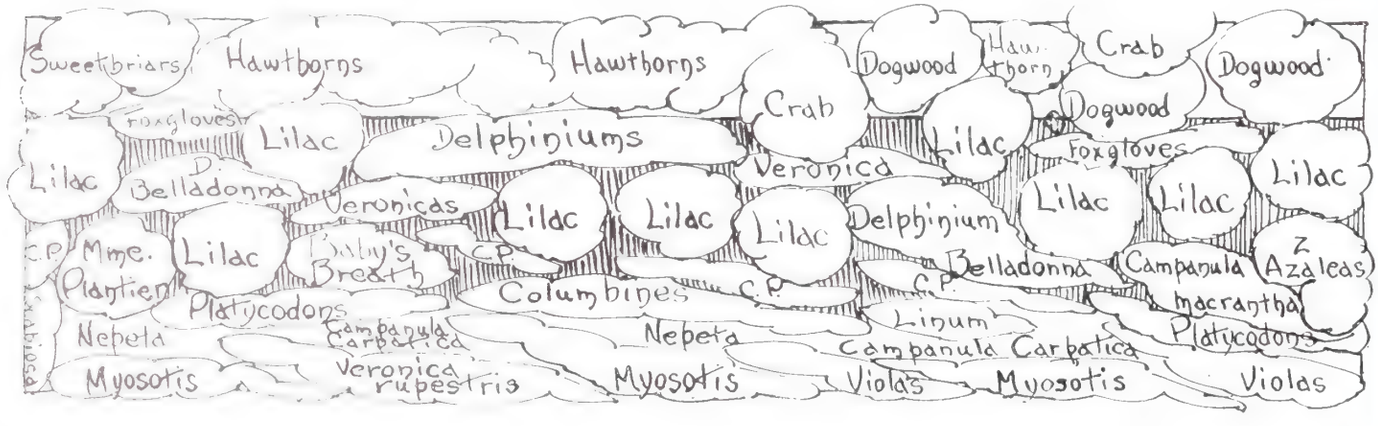
Some of the perennials which are used, especially the Campanulas or Bellflowers, can be grown in a more shaded situation. Here everything is planted closely so that when the plants are grown no soil can be seen and, consequently, the roots do not suffer from drought provided the soil is properly prepared in the beginning. Deep digging and plenty of moisture-holding humus and some sand if the soil is heavy clay, or more rotted manure if it is sandy, are simple directions but not often carried out. Unfortunately, it is the cost of the plants and not the cost of proper soil preparation which beginning gardeners estimate, and the result is usually stunted vegetation or the plants die during an August drought or a hard winter. As Mr. Bowles, the English writer on gardens, so charmingly says of the Irish gardener whose plants "grow for me" or "die on me," so do we usually feel that some plant has a grudge against us when it cannot survive our hospitality.

To the young garden enthusiast, soil preparation is one of the dullest of subjects. It is the color of the Iris or the fragrance of the Rose that provides the incentive for his first steps in gardening; and he will learn lengthy names and even compare varieties with his neighbor before he thinks of asking how they should be planted or studying the soil needs peculiar to his unfortunate Roses sunk in some untimely hole that even a Dandelion would resent. A friable, nourishing soil is ideal.

A few dimes saved on soil preparation are soon lost with the unprofitable dollars spent trying to correct mistakes. It is the wasted years and the disappointment in results that discourage all but the most enthusiastic gardeners. A few more hours' labor, a little more soil removed, another bag of humus or yard of sand are the premiums paid by the thoughtful gardener to insure the safety of his choice plants. He seldom has that saddest of expenses, renewal cost. Careful soil preparation for annuals—annual fireworks I once heard them called—does seem a heavy expense, but when the money is spent on a permanent garden, we have the benefit of our forethought for years.

Do not be deceived into thinking you can have every square foot in continuous bloom. A little bit of everything planted together will give bloom throughout the growing season, but it will be a spotty looking collection of plants whose only excuse for being together is the fact that somewhere there is bloom. Common-sense, artistic aims and a knowledge of plants will produce beautiful gardens. Masses of color are needed to make garden pictures

(Continued on page 156)



The placing of the Lilacs early well toward the border is an unusual treatment and affords a background for the blue flowers. Pinks, white and orange are other tints used in this plan since a border of blue flowers alone would be undesirable





Healy

FAVORITE FLOWERS EASY TO GROW

Abbie A. Aldrich

Alyssum and Ageratum

Ita Scarboro Spaeth

Annual Pink pictures

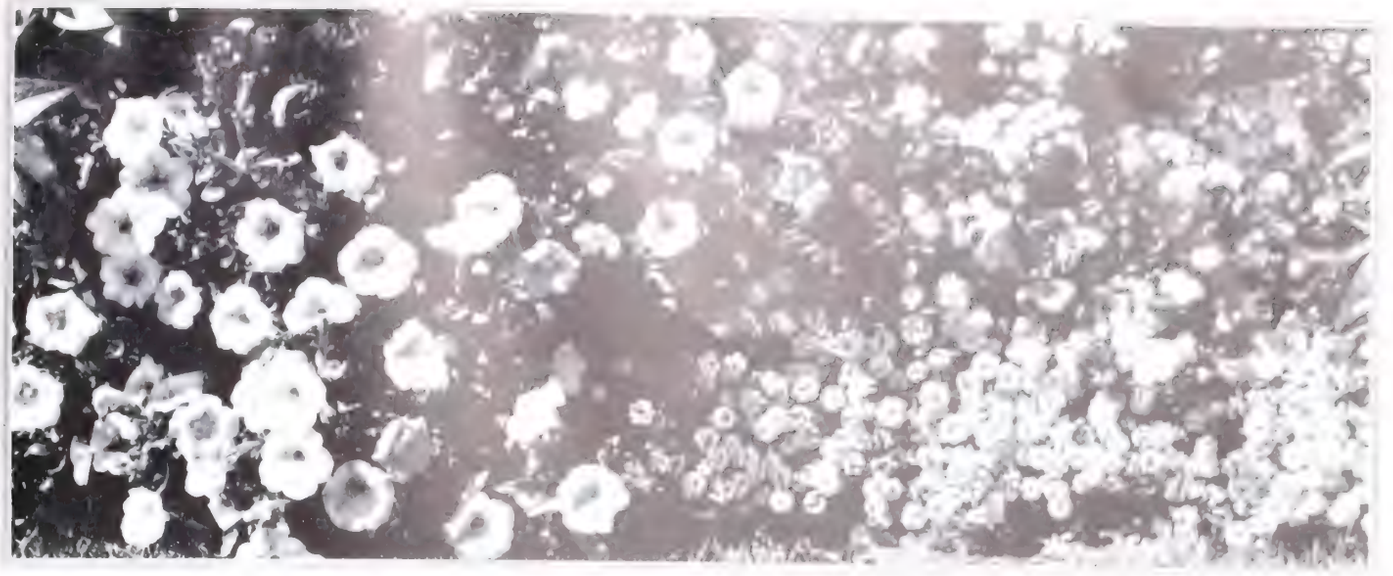
F. F. Sm[illegible]







From Phlox to Pyrethrum are easy visual transition, the more pleasing when blended with feathery Early Cosmos against a distant evergreen background. This trilogy is found in the Smathers garden at Port Chester







PLANNING THE SLEEPING PORCH

The Proper Architectural Treatment of This Important Feature Is Receiving Worthy Consideration

GEORGE S. CAREW

LONG the bane if not the despair of architects, who saw little possibility of being able to give it satisfactory treatment, the increasing popularity of the sleeping porch and the growing insistence of home owners upon having it brought about its careful study at the hands of designers; and this study has resulted in a seemingly successful solution of what once appeared to be a vexatious problem, difficult to handle.

When the custom of sleeping in the open air first became popular, some years ago, the benefits which it brought about and the strong approval of physicians caused its making rapid progress in the rise to popular favor. The architectural treatment of the sleeping porch, however, was seldom or never happy; it was regarded as an appendage to a building, or rather as an excrescence, and as such it almost invariably marred the balance and symmetry of a house. It has taken some time, apparently, for architects to discover what might seem to be the most obviously simple means of treatment. The sleeping porch and the loggia are closely and intimately related, and at times they appear so nearly identical that the architectural treatment given a loggia frequently does equally as well for a sleeping porch. A loggia, according to Webster, is "a roofed open gallery, differing from a veranda in being more architectural and in forming more definitely a part of the main edifice; from a porch in being intended not for entrance but for an out-of-door living room." Thus the loggia form is often admirably adapted to the needs of a sleeping porch, and in planning it not as an appendage to a building but rather as "a part of the main edifice," there have been solved the difficulties which the sleeping porch at first presented.

An examination of the numerous houses having to do with building, furnishing and decoration will show many instances of excellent handling of the sleeping porch problem. Along with the sleeping porch's rise to favor there came the rapid progress of the "sun room" or "sun porch," and since this adjunct is commonly made a part of the main or ground floor of a house, the sleeping porch frequently occupies the space just above, the combination making possible an entirely successful architectural treatment, the two forming a part of the structure itself, and they are very often included under the same roof lines.

The very nature and function of the sleeping porch should cause its location and its planning to be carefully considered. Logically, it should be built at that part of the house where it may enjoy suitable privacy and be removed as far as possible from whatever there may be in the way of noise. It should also be placed where it may catch the breezes of summer. Although some splendid sleeping porches are so situated that they are recessed within buildings, enclosed upon three sides with but one side open to the air, a vastly better arrangement is had when this is reversed, three sides being open and but one closed in. The porch might at least be open upon two sides, this making possible much better ventilation and circulation of air, highly important even in a sleeping porch. The architectural treatment generally includes a balustrade about the porch, and even better would be a parapet, say about 3 or 4 feet high, which would create a certain privacy. The space between the parapet and the ceiling of the porch is best filled with casements, though sash of the "double-hung" variety may be used. This enclosing of the sleeping porch with glass makes it possible to open up as much or as little as may be desired and also to prevent drafts; and if casement windows are used, particularly if they open out, it is sometimes possible to so fix them in such position that they catch and deflect into a room whatever breezes may be stirring. Blinds are of course often used, partly to create privacy and partly to exclude the too-insistent light of early morning, though a treatment which is very practical and considerably more economical calls for the enclosing of the entire sleeping porch with curtains hung by rings upon metal rods. Such curtains are often of canvas or rubber, such as is used about shower baths. These materials are not liable to injury from being wet, and if canvas is used it might be of the type sometimes used for window awnings, having the inner surface either of black or dark green.

The providing of heat and light for a sleeping porch depends almost wholly upon the use which is to be made of it. In many instances no heating will be desired, but there are other circumstances where even very enthusiastic open-air sleepers desire some small amount of heat in sleeping rooms, and the cost of running the piping for heating as far as the sleeping porch and in in-



Two-story columns support the roof above the sleeping porch on the home of Louise Murray, Silvermine, Connecticut. This porch is an upper gallery above a living porch



stalling a radiator of appropriate size would in most cases be quite small. Just so with the question of providing light, for while it may not always be used, there may be times when it will be required, and the cost of a few feet of additional wiring will not be great. The small expense of providing either heating or lighting might, in fact, be regarded as an item of "insurance" against there arising need for either! One more small detail must be managed with reference to the use which is to be made of a sleeping porch. Ordinarily the door opening from house proper to the porch is of glass, with its threshold or sill arranged in the customary way. In some few instances however, a sleeping porch may be intended for the use of children, and in one case which comes to mind small children are undressed before their nursery fire and securely tucked into cribs which are then rolled out into the sleeping porch through wide doorways which have no awkward sills to interfere with their running smoothly.

Very much the same considerations which influenced the locating of the sleeping porch may equally well affect its arrangement and furnishing, since both its furnishing and arrangement are more or less determined by its nature and its function. The furnishings need not necessarily be bare and meagre, since even the most Spartan severity in the way of furnishing can very easily be made attractive. But Spartan severity need not always rule, since many sleeping porches chiefly because pleasant rooms for general use during warm weather, giving much the out-of-door feeling of the verandah, and yet affording a degree of privacy which [illegible] ordinarily lacks, but which is [illegible]

The actual furnishings of [illegible]

Linoleum, for example, which is to be had in a wide variety of floral patterns, many of the patterns [illegible]

various kinds of tile, or other materials which, like linoleum, are not at all injured by being wet. With the coverings of the floors of the sleeping porch decided upon, attention may next be given to its walls, though since the walls will presumably be [illegible] casements or sash, [illegible] washable material to supplement the



PAINTED GLASS

Delicate arabesque designs are typical treatment of silk lamps and shades of theatre drama in gold lines on a black background. The mirror is painted to match the room. J. C. Demarest, designer



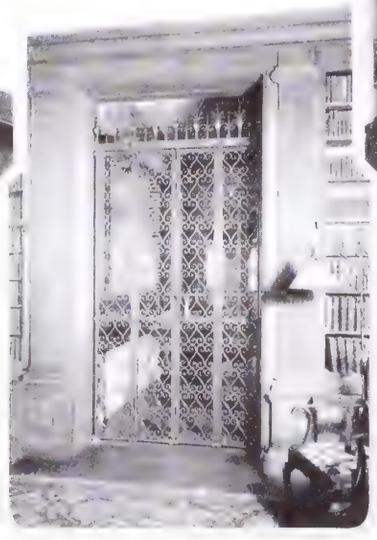
DESIGN

PANEL

Classical Antique Spanish [illegible] carved, gilded and decorated in Caen stone for the drawing-room walls in the New York apartment of Mrs. H. S. [illegible] French Directoire design. [illegible]



ARCHITECT



WROUGHT IRON

This decorative door of finely wrought iron repeats the ornamental character of the wood paneled background. It is located in the New York residence of Stafford M. Lean of which Edmund Ellis was an [illegible]

ARCHITECT



Hewitt

DOORS OF MANY MATERIALS



MODERNIST

This modernist door in the New York apartment of Gloria Swanson reveals an expert use of several materials. The mirror panel is enclosed by a steel molding and lined with an electric fountain having a black base topped by a niche in bright gold

DECORATIVE TILES FROM OLD MEXICO

Notable Examples of an Industry Four Centuries Old and Their Application To Modern Needs of Ornamentation

FRANCES FLYNN PAINE

MOST of the races of the world, at one time or another, have indulged in the production and use of decorative tiles. Pictured on their surfaces is an interesting record of cultural development and historic events, of famous individuals and the incidents that made them so—an intimate pictorial record which is sometimes humorous, sometimes tragic.

The use of tiles dates back to the earliest records of mankind and continues uninterrupted down to the present time. At first tiles were made of stone, later of baked clay and were used for a diversity of purposes; from the calling cards of the aristocracy to picturing and inscribing for preservation important events and the various laws of the land.

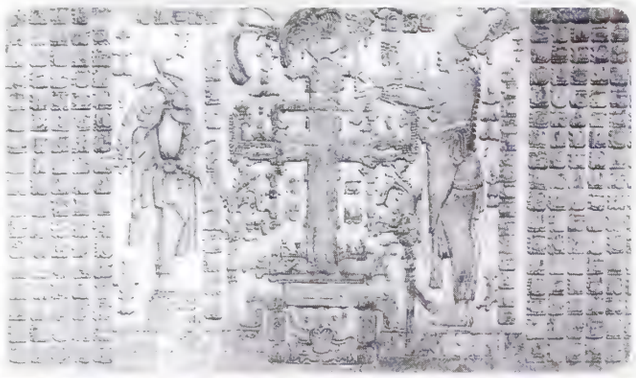
The pen and printing press have supplanted tiles as a medium of record and expression but they have retained and increased their position as a colorful and durable ornamentation. A Renaissance of tile, as it were. In their field they have no rival in our modern scheme of life and are now entering into their greatest period of usefulness as evidenced by the tremendous use of tiles in modern architecture.

From the earliest time, ceramic workers have striven to express themselves in color. The most primitive pottery shows the use of different earths and clays to give variety to the tone. The ancient Egyptians and Assyrians were the first of whom we have records who used glazes of colored glass. In spite of being limited to three colors (green, turquoise and yellow) they, together with the Persians, attained the finest results ever accomplished in ceramic color just before the period of the Crusades. Later they added purple, cobalt blue and red to their palette. From the 9th to the 16th Centuries they produced combinations of such rich and harmonious brilliance that they have never been surpassed. These ceramics, both in color and in texture, still remain unexcelled.

Colors underwent a radical change when opaque tin enamel replaced the coating of white siliceous clay. The ceramics of Spain, Italy, Holland and France at this period show a marked change. At first only blue and green could be used on such clay base as was procurable, because it was found that their purple turned to either brown or black and their lovely red changed to an ugly cloudy yellow.

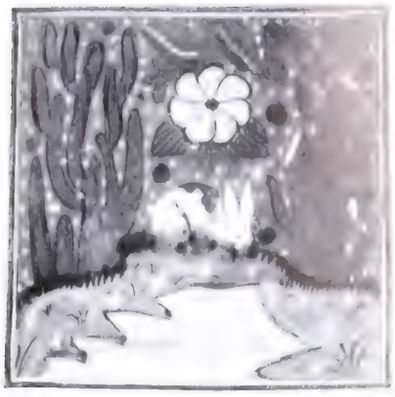
About this time the Spanish Arab potters developed their lusters. It remained, however, for the Italian majolists of the 15th and 16th Centuries to produce a splendid

(Continued on page 112)



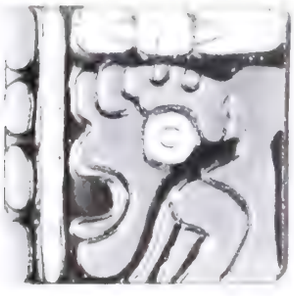
(Below) Another of Mr. Sobré's designs is a panel executed in tile and polychromatic faience and effectively framed in rich Mexican timbers







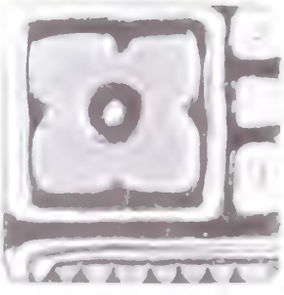












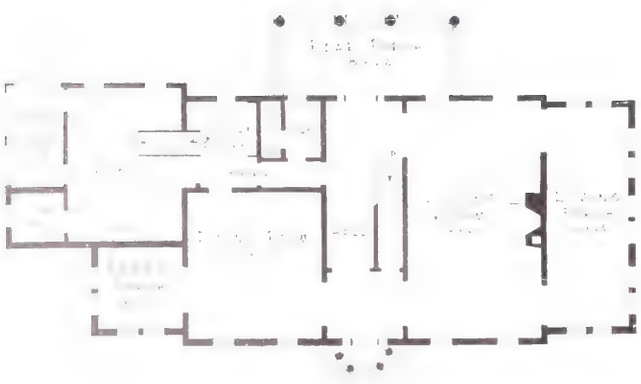


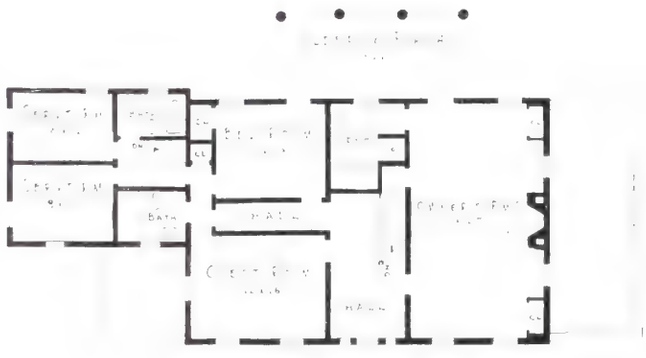




From Lucy's sketches for the Carlos Chavez Ballet, a number of which were used in the decorations by Lucy V. Seloni, American Fireworks Titling Co., Ltd.











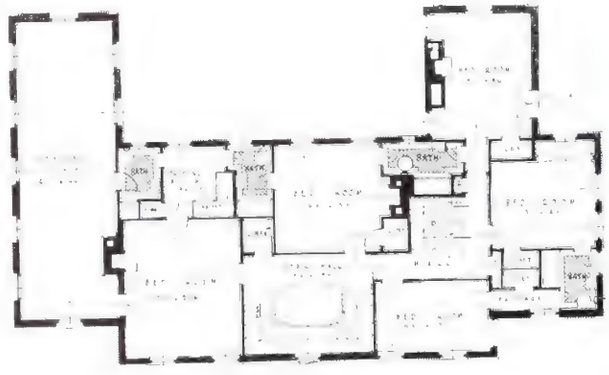
A COLONIAL HOUSE AT SARATOGA SPRINGS



A GEORGIAN HOUSE IN ATLANTA

On the first floor are two porches flanking a service, one of them being devoted mainly to service. The stair hall is a feature, with the dining room behind it and a house-depth living room on one side. A long sleeping porch above the living porch occupies the entire second story of one wing.















IN THE MANNER

OF THE

DIRECTOIRE





[illegible] the Christmas Rose, Helleborus niger, blooms at or in the snow and on dark soil. It comes in several forms, all of them desirable. The protection of a little [illegible] will prevent the usual flower loss, spattered



This plum-colored form of Helleborus orientalis makes a fine showing of flowers along in the early days of March

WINTER NOTES FOR ALL-YEAR GARDENERS

Christmas Roses and Such

LOUISE BEEBE WILDER

TO find a bit of color in the garden during the winter months, whether of blossom, berry, leaf or twig, brings such keen pleasure that it is surprising that [illegible] not oftener made for its realization. The notes which follow have to do with the provision of these enlivening touches under many conditions.

When we think of winter garden flowers the Christmas Rose quite naturally heads the list. This is *Helleborus niger*, which has several forms. The pure frosted white form is very scarce in this country, most of those seen having a delicate flush when opening which changes to the flower age. *H. n. [illegible]* is quite rosy as it expands and is somewhat taller and more robust in appearance than the type. *H. n. major*, as its name implies, is also a larger and showier form. But in this country we are not yet greatly concerned with types and forms, our dilemma being to lay our hands upon any at all. Indeed, it takes a deal of scouting about in the dogged way common to gardeners on the trail of a desired treasure, to find Christmas Roses, or even the more easily grown Lenten Roses for sale. Roots are passed about from gardener to gardener [illegible] of very few dealers who list them. Continued demand, however, nearly [illegible] supply, and it is to ask and ask and keep on until Christmas Roses are a common blessing in our gardens.

The Christmas Rose is, of course, not a Rose at all, but a low-growing plant of the Buttercup order (*Ranunculaceæ*) with thick evergreen leaves and large waxen flowers borne singly or in twos on strong stems from five to ten inches tall. They are close relatives of the sprightly little Winter Aconite, *Eranthis hyemalis*. Despite their suggestive name they do not always bloom at Christmas, such a warm enticing autumn as the one just past stirring them to an earlier display. But sometimes—indeed, often—they hold out until December, and to bring them in from the cold deserted garden for the decoration of the Christmas dinner table is a prideful experience.

To keep the flowers pure and unsullied during the autumn and winter rains hand frames may be placed over the clumps, or in lieu of these a ground cover of salt hay or leaves may be used. If the frames are banked about with leaves or manure the plants are often enabled to go on blossoming for a long time. A sheltered situation in partial shade is to be recommended for Christmas Roses, and a soil dark with vegetable richness and deep with tilth; and, to secure for them the cool root-run which is their delight, a little old manure at the bottom. Applications of liquid manure and dressings of vegetable soil in the spring assist the new leaf growth and assure a greater number of pearly buds for the coming autumn. Spring is the best time to set them out, and if for any reason old clumps must be removed it is the best season for this operation as well. The clump should not be replanted as a whole, but may be gently pulled apart with the aid of two hand forks, and the pieces set out firmly and carefully under conditions that have been indicated. But never refuse a plant that is offered you, be it even in midwinter. A frame out-of-doors or a pot within will keep it safe until spring.

LENTEN ROSES—These are commonly forms or hybrids of *Helleborus orientalis* and a number of other species. They bloom intrepidly in March, often lingering in perfection until May. Though their colors are subdued for the most part—melancholy, says one writer—they are to my mind quite enchanting. An English firm lists fourteen varieties ranging in color



Geranium renardi. Hardy, with all the beauty of a Pelargonium without the disagreeable smell of the plant and are good subjects for rock-work

from purple through many tones of rose and soft rose to silvery pinks. How I remember, as these reminders of mornings in May when such treasures are freely scattered by our gardening friends across the years! Visitors to England in the early part of June have been lucky enough to see Miss Jekyll's Hazel bushes arch overhead and festoon the path on either side the Lent Hellebores grow thickly. Miss Jekyll was a tireless seed tracker in the congenial spot and the new forms are constantly springing up. I cherish tenderly the three plants sent me





Perennial flax. A single-flowered form of Malva, Kew Imperial, is desirable. Its deep rose-coloured flowers and attractive foliage, good plant for



In the corner of the author's Succulent garden are tall Agaves, Aloes, Euphorbias, Sedums, Echeverias and Cacti all grouped against a lateral array of greens, gray and striped yellows and in an amazing confusion of forms. The ground is carpeted with tiny plants. None of the plants in this garden cost more than 25c, or could

THE CURRENT POPULARITY OF CACTUS

As Shown In A Montecito Garden

ANNE STOW-FITHIAN

IN December House & Garden, in contrast to other forms of horticulture, I described the fascinations of Succulent [illegible], practical ways of construction, picture compositions within prescribed areas, and the intimate pleasures which may be derived therefrom.

But what undoubtedly captivates our fancy and holds our constant interest is the oddity of the plants themselves, with their individuality and endless variety of form and color. One may have a giant Arizona Suara or an Organ-pipe Cactus, feet high, and on the ground below a little Sedum, inches high, looking for all the world like skewers of liver and bacon; or with bead-like leaves threaded along stringy stems; or Sempervivum—tiny pincushions, round or many-sided, which have dozens of clustering offspring bursting from the parent rib or clinging to their spreading wings, well named "Hen and chickens."

Some grow limp tentacles from enormous heavy potato-like roots, their long trailers supported by adjacent bushes. My Arizona specimen I dug up after dark by flashlight from under Mesquite scrub, for to the general interest of the plant is added the fact that it blooms only at night. The whole amused village, including the Sheriff, turned out good-naturedly to help me, in a wheezing Ford with sticks and spades. It was very much like the hunting down of a criminal, and it was nearly as difficult!

These are some of the unexpected and adventurous paths one treads when led on by temptation to obtain a plant that beckons alluringly in the distance. What joy on reaching home (having carried the heavy thing for hundreds of miles in one's lap for safety) to display the ugly tuber, with its awkward trailers, to other collectors. And think of the ultimate triumph when one is told that no one hereabouts knows its name!

One fascinating Mexican Cactus (*Pilocereus senilis*), known as Old Man, stands erect, a solid single shaft completely covered with long white hairs from among which emerge amazingly lovely blossoms. As these precious old gentlemen are sold by the inch, my slender purse has never been able to encompass one. Last year, I dickered

(*Continued on page* 146)







THE ARBORETUM IN NORTH AMERICA

A Survey of Our Great Collections of Woody Plants and the Labor Necessary to Create and Maintain Them

ERNEST H. WILSON, V. M. H.
Keeper of the Arnold Arboretum

PLANNING [illegible] would appear to be a favorite pastime throughout America. At least, one would gather this impression from the letters which reach me daily. Scarcely a week passes during the spring and autumn season of the year but what I receive letters asking for information as to how to go about the task of forming an arboretum and of how to acquire the necessary material. More usually than not—in fact, almost without exception—letters ask for assistance in the shape of seeds and plants. While one admires the enthusiasm which sponsors these appeals, one could wish that in more instances were they supported by real knowledge of the work it is proposed to undertake.

The planning, founding and building of [illegible] is long and it is long in the sense that it needs a vast amount of time, a very considerable outlay of capital and an assured income from a perpetual [illegible]. An arboretum is a garden devoted to the growing of collections of trees and shrubs. These are living things and require constant attention. At commencement a good deal of material can be purchased from nurserymen, can be obtained from private gardens or from the existing arboreta, but when as much of this as is possible has been acquired there remain a thousand and one plants which must be raised from seeds, rooted from cuttings or obtained by grafting. This means that some sort of a nursery must be attached to the budding arboretum and this nursery must be in skilled hands. When properly started the question of labeling calls for expert services and the naming of plants needs the skill of a botanist. These demand that a library of suitable books be gotten together, and to insure the proper naming of plants an herbarium must be made and preserved.

The size of an arboretum depends on how far it is intended to grow all the plants that are hardy in the particular climate in which the arboretum happens to be located. Since it is climate that regulates the range of variety of plants that are hardy, it is natural that the warmer the region the greater the variety that can be grown. However, speaking in general, any attempt, outside of cool temperate regions, to grow in one arboretum all the plants that are hardy is futile. Some sort of limitation is necessary, but whether the arboretum consists of an acre or a thousand acres its founding is not to be entered upon lightly.

In this broad land of America there is a crying need for arboreta. This need must and will be met sooner or later. The letters one receives are a welcome sign that the need is beginning to find expression. Mistakes will be made, but if he who intends founding an arboretum will not lose sight of the fact that its tenants will be living things, that they require long years to come to maturity and much attention, he will realize that he must provide not only for their daily welfare but also for their future well-being, even as he would for his sons and daughters.

One can lay down no hard and fixed rule as to how much money is needed. To maintain an arboretum properly our experience is that over and above the cost of land-purchase the income of a million dollars is necessary for every 125 acres of land planted with trees and shrubs. Such an income could be less, might even be half; it could to advantage be more. The main thing, however, is to have a steady, fixed sum of money annually available of which those who have charge of an arboretum may be assured. The cloth of the future can then be cut accordingly.

The story of early arboreta in this country is both interesting and pathetic. The first arboretum was founded in 1730 by John Bartram on the land surrounding his home in Philadelphia. The house was built in 1731 and later the property passed into



A reserve term for existing the Arnold Arboretum is at the [illegible] of the Lake. This collection almost rivals the one in the park at Rochester, N. Y.



to possession of his son William. In the arboretum were planted the first trees of Bartrams, father and son, culled from the rich forests of the Appalachian mountains. The seeds and plants which they sent to Europe brought back in exchange all the interesting trees, and in his arboretum John Bartram raised the first Horsechestnut tree (*Aesculus hippocastanum*) that ever came to this country. The seeds were received from Peter Collinson in 1746 and from the correspondence handed down to us the tree would appear to have first



Deep woods of the forests of the Smoky Mountains, viewed on your way to Waterfall Laurel where you enjoy depths of a dark hemlock forest

PERMANENT BEAUTY IN HARDWOOD FLOORS

A Distinct Influence On the Decorative Value of a Room Is Exerted By the Texture and Color of the Floor

J. A. WELLER

In [illegible] and beauty are determined and crystalized according to means and taste. This latter factor requires the substantiation of correct [illegible] more quickly manifest than in the proper selection of woods for the floors.

Nothing about a room can do more to perfect or ruin the harmony of its decorative scheme than the kind of flooring used. If the surface foundation is compromising, efforts to obtain pleasing unity will usually be disappointing, even if an expert decorator is called in to dictate the furnishings.

There is a certain feeling of beauty obtained by gliding over a good ballroom floor. How it glistens and beckons! Perhaps the only thought of appreciation in one who dances is that it is well waxed. It is of little consequence to him that the floor was well laid. Least of all would he be apt to see in [illegible] the floor's [illegible]. Yet he does have a sense of its beauty.

So it is in the home with beautiful floors. The charm of a pleasant floor is subtle; it creates an atmosphere of luxury and comfort. It is the poor floor that jumps right out at one, so to speak, and appears to shriek for attention, like an ugly rug of gaudy and conflicting colors, that one simply cannot help noticing.

TYPES OF FLOORS

[illegible] who are planning a home will bring up the question: "What kind of floors shall we have in our new house?"

They most certainly will want hardwood—the kind and pattern will depend largely on personal taste, although some hardwoods are in certain respects better than others. The softwood floor is much a thing of the past. An enormous industry has been built up in the past fifteen years, that of the manufacture of hardwood flooring. Red and white oak, birch, beech, maple, plain and quarter-sawed, several grades and patterns of strip, parquetry block or herringbone—there are many types from which to choose the one most suitable.

Thanks to the adaption of machinery to quantity production and the explosion of the popular misconception that beautiful floors were only for the well-to-do, the use of hardwoods for this purpose is not only widespread, but they are easily within the reach of anyone who at the present time can afford to build a home.

The use of hardwood floors is by no means a new idea. Centuries ago wealthy and cultured people in Europe, particularly in France, saw in oak a rare combination of beauty and durability and used this wood for the floors of palaces and chateaux. Oak floors were also used in Colonial America. There is a record of Thomas Jefferson writing instructions that the oak for his floors was to be thoroughly kiln dried. Those great-great-grandfathers who chose oak for their floors gave this wood a heritage of which it can well be proud today. Much can also be said for beech, birch and maple flooring when carefully made from properly selected stock, as in the case of oak.

ADVANTAGES OF HARDWOOD

Hardwood floors are desirable for reasons other than beauty. The advantages of oak may be summed up as follows: durability—they become more mellow with age; economy—less costly than a carpet covering the same space; property values are enhanced by attractive oak floors, which are dignified and refined and yet homelike, comfortable and pleasant to live with, fitting in as they do with the best furnishings, giving prestige and reflecting good taste.

Furthermore, good hardwood floors are sanitary, and when they are well laid and the different boards fit snugly they eliminate much of the housewife's drudgery. They are easy to keep clean, take stains and varnishes well and cost less to maintain than rugs. Naturally, I do not mean to imply that rugs should not be used.

The relative esthetic values of oak, maple, beech and birch are for the purchaser to decide. For durability without sacrifice of beauty, oak is considered the best. White oak is somewhat lighter in tone than red and has a less pronounced figure. Birch, beech and maple are lighter than oak, though all these can be stained if other than a natural color is desired. White and red oak have smooth, even textures and take a fine polish, and as much can be said for maple, beech and birch. Maple has a wavy grain, giving rise to curly figures. Birch is of a slightly more reddish-brown tinge and has a satiny luster when planed. Beech sometimes runs to light brown.

The flaky appearance of quarter-sawed flooring, so highly prized by many, especially in oak, is due to the sawing of the medullary rays so as to expose their flat sides and give a patch-like effect. These rays, also known as path rays, can be seen radiating from the center of a log outward toward the bark. They contribute much toward the charm of the wood. Quarter-sawed oak is more expensive than plain-sawed because the logs are cut parallel to the rays, creating more waste than in plain-sawing logs parallel to the grain of the wood.

Grade terms in floorings are most confusing to those unfamiliar with them. A friend once told me of a man who thought No. 1 grade meant the best. When his contractor spoke of using No. 1 grade oak he naturally supposed none could be better, and was much surprised to find that No. 1 Common was the third grade in rank.

In oak flooring the grades are: Clear, Select, No. 1 Common and No. 2 Common. Birch and beech are graded the same way, except that each has a Clear Red grade, a higher grade than Clear for these woods. The grades for maple flooring are: Clear, No. 1 and Factory.

One of the most common pitfalls the home owner should avoid will be in picking out the best grade and then resting assured that he will have the most beautiful floors he can get. He may tell his architect or contractor that he wants a Clear grade of oak. This may be used and the floor carefully laid, but the owner may be dissatisfied with the result, while his neighbor, who had the same grade of oak and the very same man to lay it, may have obtained a much better looking floor.

GRADES AND GRAINS

The reason for this is no reflection on the architect, the contractor or the floor layer. Grades are largely standardized. They include such considerations as the scarcity of wormholes, bird pecks, knots and burls, and in strip flooring, a minimum percentage of short length flooring allowed. But they do not include two requirements which determine to a large extent whether the floor will be beautiful and durable. These essentials are fine grain and smooth, even texture, which are factors which depend to a large extent on the locality in which the trees grew. Differences in soil and drainage cause some trees to grow slowly and others fast. Slow growing oaks have narrow annual rings which produce fine grain, while fast growing trees give rise to "open" or coarse grain and large figures. The highland regions of the United States produce the most beauti-

(*Continued on page* 130)

CITY PLANNING AND TOWN BEAUTIFUL

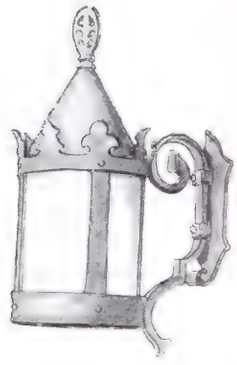








This rather unusual lantern would prove a most suitable addition to the entrance of a house of the Tudor Style. Of sheet metal, gilded and lacquered finish. G. F. Walker



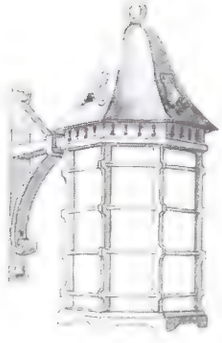
Constructed of wrought iron, the wall bracket above is both dignified and ornamental in feeling. It may be obtained fitted with extremely heavy glass. Cornelius Heaton & Brother







This lantern light is of cast wrought iron and has been finished in rough textured fashion. The panels may be in either white or amber mottled glass. Florentine Craftsmen





Delightfully informal in design is a hanging lantern that will probably be at its best when lighting the way to a New England colonial house. It is by Cornelius Heaton & Brother



Where lanterns are to be mounted on walls of brick or cut stone after the manner of the Renaissance, this dignified fixture is appropriate. Cornelius Heaton & Brother

Where right Romanesque or the old carriage side-lights, fixtures of this sort are appropriate for the sides of a porte cochère. Brass or copper, iron finish. Cassidy Co.

















The GARDENER'S CALENDAR for JANUARY

The [illegible] gardener's labors is [illegible] to be [illegible] in [illegible] to the Middle States, [illegible] the earlier [illegible] country if for every one hundred miles north or south there is [illegible] difference of from five to seven days later or earlier in operations. The dates given are for an average season

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 [illegible]	2 [illegible] possible to find nooks [illegible] the frost and so make birds and tree planting possible	3 It is a mistake to [illegible] and winter plants of any kind in pots outdoors The action of the frost will either crack the [illegible]	4 House plants ought to be watered with [illegible] can in the morning so that any drops which collect on the leaves and foliage will have a chance to dry before night comes	5 Holly can be grown [illegible] seeds gathered from the Christmas decorations but [illegible] year or more before the plants put on a full and keep [illegible] covered	6 On a much sunny day even in mid winter, it is an advantage to take the sash of the cold frame in which land plants are quartered and give them some fresh air	7 If you have a live Christmas tree in tub or pot do not keep it indefinitely in a dry heated room Better set it outdoors to await the advent of spring planting weather
8 [illegible]	9 [illegible] known as Sun Roses, [illegible] cultivation from seed.	10 [illegible] the sunlight you can [illegible] stem tissue	11 Sometimes it is possible to secure cheaply from [illegible] florist, after the flowering season is over, [illegible] bulbs Keep them cool until [illegible] can plant outdoors	12 Cold rain and rather disagreeable days are [illegible] best to get completely excluded from the indoor garden or flower sickness is very likely to follow.	13 Ice forms and frozen snow [illegible] make bad sledding for the winter bird While these conditions last the food that you put out will be doubly appreciated.	14 Don't forget to go the rounds of the evergreens after every clinging snow storm and free the branches that have been overburdened by the accumulation of damp flakes
15 The gardener's catalog crop is be [illegible] will soon be shipped [illegible] orders [illegible]	16 [illegible] many orders for plants, seeds or stock, [illegible] able as a guide to [illegible]	17 [illegible] time before the first [illegible] this important work [illegible]	18 The leaves on indoor [illegible] plants need to be [illegible] often enough to prevent the [illegible] and choking [illegible] Plan to clean them [illegible] week or so	19 Hemp Millet Buckwheat and Sunflower seeds are among the most welcome foods to put out for the winter birds A dozen or more species will eat [illegible] ugly	20 The action of frost and Winter exposure is highly beneficial to raw ground that has been plowed or [illegible] in the fall It breaks up [illegible] and [illegible] for bacterial action	21 Over watering sometimes in [illegible] soil sourness, [illegible] distinctly unfavorable to the [illegible] of house plants The earth in the pots should never become waterlogged
22 [illegible] to receive any fall [illegible] diseased or broken will sacrifice blossom	23 [illegible] ready for the aphids [illegible] the plants of the indoor garden It kills these pests by burning and suffocating.	24 [illegible]	25 [illegible] time of [illegible] when the stock is dormant and the buds are well protected, strong [illegible] to [illegible] [illegible] for the [illegible] Flags and other [illegible]	26 If you have any large plants that are growing in tubs make sure that they do not become pot-bound Repotting into larger containers is advisable	27 Flats for early seed sowing had better be made well ahead of time Let them be about 2½" deep to [illegible] 3" deep, with plenty of drainage holes bored in the bottoms.	28 If you plan to [illegible] wooden labels in the soil of the garden this spring it is a good idea to [illegible] them now and paint or dip in creosote to protect them against the elements
29 Protective covering [illegible] Roses or other plants [illegible]	30 [illegible] the winter [illegible] for the lawn Store [illegible] apply them in the [illegible]	31 [illegible] they'll be ready for [illegible]	*On [illegible] night Prince Fuzzy upraised [illegible] of doom not seeing the [illegible] Nor the rolling ball in cloud part screen'd, When [illegible] hugg'd the [illegible] Pass'd [illegible] Left at [illegible] those.*		*And never upon his western single hav'd, Nor his huge hull, for Dan's sands ran'd, Nor the black planet shadow'd Arctic snows* —George Meredith	



A. J. Caldwell

Landscape planting to [illegible] and [illegible] and [illegible]



I. R. Pierson

For many years an outstanding figure among professional horticulturists and nurserymen and a tireless worker for the best interests of American gardens and of horticulture the world over



Charles L. Tebbetts

The present head of a large concern that specializes in Waterlilies and other aquatics. The business was founded by his father years ago

MULLIGATAWNY
~ the Chicken Soup of the Orient



All the zest of the Orient is in Mulligatawny. Delicious curries of rice from India. Piquant condiments from the Tropics. Fresh vegetables from the fertile valleys of California. A rich chicken broth base. The pick of the market in home-grown vegetables, seasonings from the tropics; a touch of coriander from the Mediterranean.

These are some of the many ingredients, but it's the subtle blending with curry, against a background of East India chutney that makes Mulligatawny the true Eastern tone and flavor. It is truly a soup with a world-wide appeal.

A soup no home kitchen could duplicate. Please send for the Red-and-White Label.

These choice ingredients in the East India chutney help to make Mulligatawny Soup so enticing:

Fresh tamarind	Crushed dry ginger
Raisins	Dry English mustard
Currants	Italian garlic
Apples	Salt
Orange peel crystallized	Sugar
Citron crystallized	Cider vinegar
Fresh green ginger	Bermuda onions
Fresh red peppers	

Aged at least two years before using



WITH THE MEAL OR AS A MEAL SOUP IS GOOD IN THE DAILY DIET



A beautiful chest is a treasure in itself

Protect and polish it with VERNAX

WHATEVER its contents, a fine old piece like this is a "treasure chest" indeed. It should be VERNAXED regularly to keep the surface clean, the wood well-fed and the whole piece glowing with a beautiful sheen.

VERNAX was developed, after long experimentation, by Arthur S. Vernay, well known expert on fine woods, whose own magnificent collection of English antiques is constantly VERNAXED.

This preparation contains no ingredient which could harm the most fragile piece. Marble, porcelain, gilt frames, leather—these are also enhanced by VERNAX. Best of all, VERNAX is easy to apply, requiring only a brisk rub to do its work and do it well.

VERNAX* floors, paneling and woodwork of all kinds!

Vernax Furniture Cream

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ESTABLISHED 1794 - NEW YORK
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Arthur S. Vernay
INCORPORATED
NEW YORK

VERNAX
is especially fine
for
PIANOS
BRONZES
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VERNAX
is on display at leading
Furniture Departments,
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Shops
$1.00 a bottle





This small 17th Century manoir near Quebec has the grace of excellent proportions. The sides of the roof have a steeper pitch than the front and back—a characteristic of the style

HOUSES IN FRENCH CANADA

(Continued from page 67)

the pitch of the slopes at the ends is steeper than that of the front and back. The effect has a naïve quality which possesses great charm. Often there is a greater projection of the eaves at the front of the house than at the sides. These characteristics may be noted in the photograph shown at the top of this page.

A splendidly preserved example of early French Colonial work is the Chateau de Ramezay in Montreal. This little fortress house with its pointed towers and heavy walls might almost be in Brittany. Built in 1704 by Claude de Ramezay, the Governor of Montreal, it served as the Official Residence for many years. It is of especial interest to Americans because while on a visit to Canada, Benjamin Franklin set up a printing press within its walls. Today it is a museum and holds many interesting pieces of early American *bureaux*, some of which are adaptable to the modern home.

The town houses of the early Frenchmen were not very different from the farmhouses, but here too we see the adoption of the old designs of the new country. It is usually a wooden architecture. Stone was often used for walls, but in a crude fashion, and usually stuccoed roughly over or clapboarded. There are almost no examples of fine joined masonry. The windows are customarily fitted with winter sash to provide protection from extreme cold, and with shutters to cut off the glaring summer sun. Many of these are fixed into the window frame with only a small section movable, a method of fenestration which does not appeal to us in the States.

Altogether the countryside of Canada gives to us new inspiration along lines of charm and distinctiveness which may well inspire us to a thorough study of our French traditions in relation to our own problems in building houses of good design and sound construction.



Often several materials are combined in these French-Canadian farmhouses. In this example near Chateau Riches the walls are of logs stuccoed on the front and clapboarded on the sides





IN *Honolulu*

CANNON TOWELS HELP TO MAKE YOU AT HOME AT THE ROYAL HAWAIIAN HOTEL



CANNON TOWELS

CANNON

AII is the most enchanted island of the Pacific. The climate perfect, the sands are honestly coral, the ocean truly blue . . . banyan trees and cocoanut palms and pineapple groves dot the landscape. Alluring winds whisper uctive secrets of the Orient. And the beach kiki lies bathed in moonlight, as it has for es. In the midst of these romantic realities, he-world travelers now find in the gay and olitan city of Honolulu, a hotel whose lity is unquestionably inimitable.

Royal Hawaiian Hotel looks like a palace n. It is equipped in the most luxurious and odern manner. Most of the four hundred g-rooms have balconies. All of them have baths, with showers, *and plenty of Cannon*

not by chance that this fine hotel in Hono- hat most of the famous hotels in America use Cannon towels. [illegible] Miami-Biltmore at Miami, Florida; the Ritz at Atlantic City; and most others), choose Cannon towels. [illegible] give better service and are a better buy.

Because such enormous numbers of Cannon towels are made, prices are astonishingly low. . . . There are many kinds of Cannon towels that will delight you and beautify your home. The tropical series and the marine series are new. Many striped and floral designs and new modern patterns. A full range of colors* and sizes. Bath mats and bath sheets too. At dry goods and department stores everywhere. Prices from 25c to [illegible] New York City.

NOW You Can Get GENUINE WALNUT *at* MODERATE COST



As, for example, this beautiful bedroom suite

Now you can get genuine American Walnut in moderate priced furniture. Now you can have the uniform beauty of walnut in all exposed surfaces—the enduring strength and freedom from warping or splitting in the legs and frames where strength and stability are so essential.

American manufacturers have recognized the demand for genuine all-walnut furniture and are now offering it at very moderate prices—prices but little, if any, higher than those asked for comparable styles in which cheap substitute woods have been used.

We picture above, for instance, a new suite of bedroom furniture in genuine American Walnut. Its workmanship is of the best. Its good taste is beyond question. Your dealer can supply you with this suite at less money than is asked for many a suite in which solid parts are of inferior substitutes.

Ask your dealer about it—or write us for information about furniture of genuine American Walnut.

AMERICAN WALNUT

AMERICAN WALNUT MANUFACTURERS ASSOCIATION
Room 2103 616 South Michigan Avenue, Chicago, Ill.

Please send me your brochure on American Walnut.

Name .....

Address .....



Mexican tiles were used in this fountain designed by the author. The panel is of Talavera tiles and the remainder are Guanajuato tiles

TILES FROM OLD MEXIC

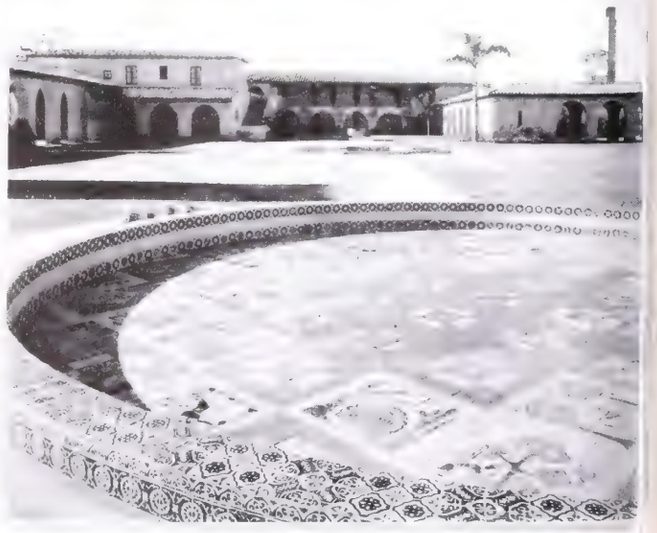
(Continued from page 90)

color range for use on a tan enamel ground. Most European tile are based upon the colors of the Italian majolica and, back of that, the Persians and Egyptians. Each country has developed, in its own way, a certain individual style of character which retains and conveys a quality peculiarly symbolic of the locality from which it comes. This creates a definite means of decoration resulting in an atmosphere that is satisfying and intimate and that only the use of authentic detail can create.

At the present time in the United States one may purchase Persian, African, Moorish, Spanish, Italian, Belgian, Dutch, German, English, French, Japanese, Mexican and American tiles, antique or modern, domestic or imported, hand made or manufactured, old designs faithfully copied or modifications and adapt. They offer a veritable Pandora from which to draw new inspi and ideas for the use of tiles.

Our color sense has develope the demand for decorative til grown tremendously. We find selves indulging in what a few ago would have been considered barbaric effects." Brightly colored tiles cannot be fired sufficiently t vent cracking and breaking d expansion and contraction wh posed to extreme heat and col no remedy for this defect has perfected. This explains wh greater part of the domestic til outdoor use have a rather su coloring without a brilliant s glaze, for they may be fired to degree that they will withstand

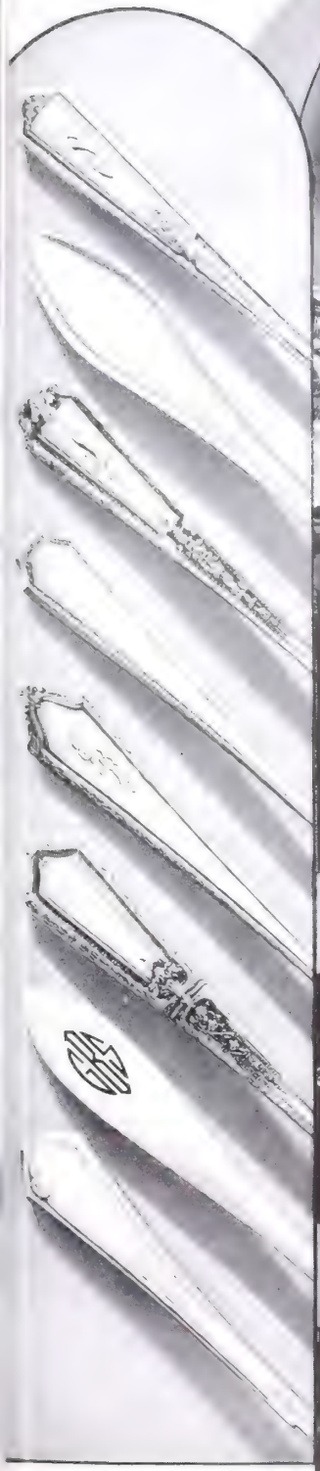
(Continued on page 114)



Talavera tiles are excellently adapted to fountain use. The great basin shown here gives some idea of their effectiveness. It was designed for Florida by the author

Let Your Christmas Chest Be Filled

MORE STERLING TO MATCH YOUR TOWLE STERLING"











TOWLE



For the Modest Chest

Patterns read from top to bottom.

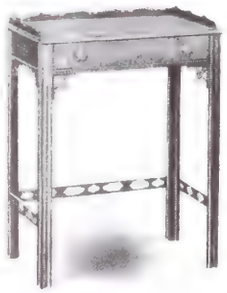
Five floweryScrollsdessertforksandspoons for $26; while 8 Mary Chilton salad forks will cost only $23.94. Eight Louis XIV luncheonforkscost $15.94; Lady Constance soup spoons, 8 for $28.00. Two Virginia Carvel tablespoons can be had for as little as $9.75. D'Orleans coffee spoons are 8 for $12.67; 8 La Fayette butter spreaders, $18.67; while 8 Lady Mary dessert knives will be only $27.34.



Furniture Shops Tables







WITH Furniture Shops Tables in your home you will be sure of individual types which lend distinction to a room setting. Four times each year furniture dealers from every part of the United States visit the Furniture Shops Exhibition Galleries in Grand Rapids, to make their selections for the families of their cities. They choose to please all tastes. Illustrated here are a Desk Table, End Table, Tea Table and Occasional Table. Furniture dealers in your city will be glad to show them to you.

Your HOME Should Come FIRST

The Furniture Shops
Division of The Luce Furniture Shops
840 MONROE AVE. GRAND RAPIDS, MICH.

CLIP AND MAIL THIS

Please Send Me Your Booklet:
"Everything for the Living Room, Library and Hall."

Name _____

Address _____

City _____

TILES FROM OLD MEXICO

(Continued from page 112)

Great care must always be taken that tiles are properly set up to prevent the gathering of moisture behind them. Frost-proof decorated tiles developed to meet domestic conditions and demands have taken on certain definite characteristics that may henceforth be recognized as peculiarly American. They are usually in soft solid colors, with designs either outlined or shown in bas-relief.

The most successful of these are designs of Mayan or Aztec origin which make them, though Mexican, truly American. The pre-Colonial Mexican arts are the artistic heritage of the Western Continent, an original and very logical source from which we may draw fresh inspiration for our creative work.

NEW MAYAN TILES

The best example of what may be accomplished in a modern American ceramic factory is a beautiful panel based on Mayan motifs designed by M. Leon V. Solon and illustrated on page 91. Mr. Solon has also reproduced in colored tiles the costume sketches designed by Lazo for the Carlos Chavez Aztec Ballet which is to be presented shortly in New York City. Based on primitive art, they are startlingly modern in interpretation and hold a dynamic barbaric quality due to strong gorgeous colors and omission of details. These tiles, together with the more subdued Mayan motifs, constitute the American adaptation of Mexican art forms to domestic tiles. The American adaptations, so like in color and texture to the Mayan or Aztec wall surfaces and ceramics from which the designs were taken, fit admirably into the decorative scheme of many of our modern buildings. In fact, our present day so-called "set back" pyramidal architecture, used so extensively for apartment houses and office buildings, is directly traceable back to the Mayan and Aztec temples.

It is worthy of comment that, though the glazing of pottery was first introduced on the Western Continent in Mexico about 1526, the native Indians have never adapted the Aztec or Mayan motifs, as we understand them, to tiles; and not until very recently have they applied them to any branch of their ceramics. Under Dr. Atl's direction some experiments have been undertaken. Left to themselves, the potters have stuck most faithfully to the Spanish and Chinese characteristics of their earliest glazed work. Even in this day of deep interest in the Renaissance of the Indian arts the Mexican instinctively keeps to rather pure forms and is not apt to confuse the Indian with the Spanish Colonial arts. These are also of great importance and should not, in the zeal to reëstablish the Indian arts, be lost or corrupted. A certain deterioration, due to alien influences, is creeping into both and it is to be hoped that sufficient intelligent interest will be taken in the matter in Mexico to protect and safeguard a valuable asset—the artistic heritage of its people.

Accounts of the civilization of Mexico before the Conquest show a state of culture which in some r spects must have put the Spaniards shame, while in others it was mo primitive. The Spaniards found th in their ceramics the Mexicans we on a level with all but the most a vanced countries in Europe.

It was with genuine surprise that learned that the Mexican Talaver created in 1526, was practically u known even to ceramic authorities the United States up to 1904. T contact between the two countries h been so close that it seems incredibl because Talavera tiles are the mo conspicuous decorative feature practically every Spanish Coloni edifice of any importance in Southe Mexico, they should have passed u noticed. This Mexican Maiolica Talavera de Puebla still remains most unknown, in spite of the fa that its manufacture is one of t oldest industries on this continent. every detail it is still being made hand exactly as when, in the ea part of the 16th Century, skilled po ters from Talavera, Spain, w brought over by the Dominican Fri to Puebla, Mexico, to teach the I dians the art of glazing clay. The l hundred years have seen a gr falling off in production and tod only a handful of potters still kn the process. The *Azulejos*, or deco tive tiles they produce, are the lo liest to be had, retaining as they the qualities of the finest old Span Talavera.

There is a small collection Talavera at the Metropolitan Mu um in New York. The catalog co tains the following translation fr the records of the early Potters Gu in Puebla:

"It is specified that the fine Azule should be painted in blue and outlin in black, with dots along the outs edges and, in order to vary the st of decoration for this fine wa others shall be made in imitation the Chinese ware, very blue, finis in the same style, with relief in blu The Puebla potter of today still heres to the old tradition.

CHINESE INFLUENCE

The "variation" in the style decoration by introducing the Chin designs was inspired by actual cont of the Mexicans with Chinese. So after the Conquest the Spaniards bu a road, a *Camino Real*, across continent from the Port of Acapu on the Pacific to Vera Cruz on Atlantic, over which the treasu from the Orient were carried in tra ferring them from the "Pacific Fle to the "Atlantic Fleet" of the Span Armada. That Chinese ceramics h left a strong influence on that Puebla is strikingly apparent to most casual observer.

Mexico also has her moder tiles based on primitive designs. Th are made in Guanajuato under direction of a young Mexican w conceived the idea of adapting to t the ceramic motifs used for centu by the Indians of that locality, using the glaze and technique int duced by the Spaniards in Puel

(Continued on page 126)



COMPARE the Quality of WAMSUTTA PERCALE with any other Sheets and Pillow Cases

THE bed linen that you buy at a January "White Sale" is the best proof of your discrimination in the quality of sheets and pillow cases.

All grades of merchandise are displayed on the counters for your appraisal. All kinds of prices compete there to catch your eye.

As a standard to measure your money's worth, simply compare the *quality* of WAMSUTTA PERCALE with any other sheets and pillow cases that you see. Your eye will tell you that there is no more closely and beautifully woven fabric than Wamsutta. The tips of your fingers will tell you that no other sheet is so caressingly smooth and light.

And, of course, Professor Millard has told you—although you may have forgotten it—that of all the twenty-four well-known brands of sheets which he tested in a steam laundry, WAMSUTTA PERCALE was the strongest after the completion of [illegible]

Let your consideration of the price come last, instead of first, and your delight in your new bed linen will be reckoned not in months but in *years*.

WAMSUTTA PERCALE sheets come in all sizes—for single, three-quarter and double beds, as well as for little cribs.

WAMSUTTA
PERCALE SHEETS
AND PILLOW CASES
THE FINEST OF COTTONS

RIDLEY WATTS & CO. *Selling Agents*
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WAMSUTTA MILLS
New Bedford, Massachusetts

You'll Never Feel More Like "Dressing Up"— *Than You Do Aboard Ship*



TIMES have changed and customs with them. Experienced ocean travelers today invariably take wardrobe trunks when they go abroad.

The Hartmann Wardrobe Trunk is an absolute necessity—ashore and on shipboard. So much so, that all the great liners make ample provision for wardrobe trunks in the staterooms. More and more, going abroad is synonymous with dressing appropriately for various occasions.

Trying to travel with "hand luggage" is not only entirely unnecessary but means that one is "out of it" most of the time thru lack of apparel your Hartmann will easily carry.

Wherever you travel, there's no longer the vestige of an excuse for not having suitable and immaculate apparel right with you at every stop. And—wherever you travel, you'll find people who know, using the same trunk as yourself, if your wardrobe is in a Hartmann.

NOTE: The Hartmann line, on display at local, authorized Hartmann dealers, includes the trunk you want at the price you want to pay—$39.50 to $350.

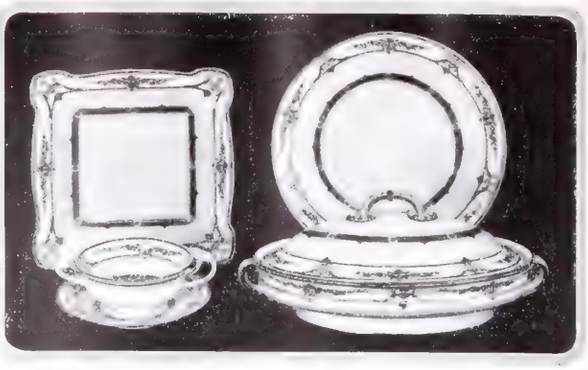
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HARTMANN TRUNKS

BE SURE THE RED HARTMANN IS ON THE TRUNK YOU BUY



In modern work Minton china often shows adaptations of earlier motifs and the result is a well-balanced combination of several ceramic styles

COLLECTOR CONSIDERS MINTO

(Continued from page 78)

necessary, and due allowance has to be made for the shrinkage, which, for example, is a full inch in a ten-inch plate. Again, various ingenious devices have to be employed to maintain the shape of a piece when it is in the oven, plates being placed separately in perforated fire-clay holders, while cups are supported by clay rings, which contract simultaneously with the article. Here we [illegible] perhaps the most striking illustration of the interdependence between formative and decorative art. For if the result of the various operations to this point are ever so slightly imperfect the "biscuit," as a piece is called before it is glazed, is useless.

We have spoken of designs and decorations borrowed by the English potters from the European artists. This inspiration is nowhere more remarkable than with the early Minton porcelain—in fact, it is equally noticeable in the splendid pieces which they produce today. It is possible with some of the other English factories to trace more than one influence, with Minton this is confined to the styles which they copied from the Sèvres pieces. Nor had the artists of this English factory to rely upon their imagination to reproduce the counterparts of the famous French pieces—this for the reason that Sir Richard Wallace, who was an intimate friend of Colin Minton Campbell, one-time owner of the factory, allowed many of the priceless pieces of Sèvres in his collection to be taken to the Minton works and copied. And this not only explains the magnificence of many of the designs of the Staffordshire pieces, but equally the similarity between these and the examples now in the celebrated Wallace collection in London.

That inspiration which was derived from Sèvres is evident at some time or another in the styles of more than one of the English potteries. Seldom, however, are these free from a local or individual influence of the native artist, except in the case of those made at the Minton factory after the middle of the last century. With the latter the designs of the bodies and the various decorative motifs of the originals are so carefully and conscientiously followed that a collector who possesses a representative collection of early Minton is entitled to congratulate himself equally with one who includes any important *Vieux Sèvres* among his specimens. Nor could this be otherwise, in view of the fact that the excellence which the Minton porcelain achieved was almost entirely due to the art and skill of such French artists as Leon Arnoux, Antoine Boullemier, Louis Solon and others who brought from France the traditions of the Sèvres porcelain, with which factory they had been connected for quite some time.

In no important instances, either, have any variations appeared with the styles which were developed by these celebrated men. For even if, at the present time, the artists are to a greater extent of British nationality, the inspiration remains from those

(Continued on page 118)



The shapes of the pieces in this modern Minton tea set are typical of those found in early Georgian silver. The decorative blossoms are executed in old rose



e jeweled ornament for daytime wear has been the subject of much careful consider-

ion by Black, Starr & Frost designers.

y have created is the diamond and crystal buckle, adapted to either hat or frock.

BLACK STARR & FROST

JEWELERS IN NEW YORK

PARIS

Here's One New Year Resolution Easily Settled



Pieces shown above: Ridgway's Old Ivory with colorful flower decoration. Dorothy pattern HG-6686. Tea Service, 24 pcs., $18 set. Grenadine or Rose Color Candlesticks, 12", HG-6110. $28 pair

IT'S A PLEASURE to carry out resolutions dealing with dull or barren spots in the cupboard. For all that one need do is to stop in at Plummer's on the next shopping trip and we warrant you'll seek no further. China, in an inexhaustible variety embracing every well-known make, is available here. Glass, both serviceable and decorative . . earthenware . . pottery . . . all gloriously set out to be admired or acquired, as you will. And (we've been holding this until last) you'll be delighted in the spacious new arrangement of this shop, the result of extensive and recently completed alterations.

An efficient Mail Order Department is maintained for those who cannot call in person.

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CAULDON · ROYAL WORCESTER · WYLIE AND THE GREEN · ROYAL DOULTON · COALPORT

COLLECTOR CONSIDERS MINTON

(*Continued from page* 116)

who gave fame to the Minton works. The delicacy and beauty of those splendid designs of Sèvres are yet reproduced as faithfully as when Arnoux and his countrymen laid the foundation upon which one of England's foremost porcelain factories was to rise. The perpetuation of this artist's skill is more familiar in those magnificent ground colors which have always been, and still are, one of the outstanding features of Minton to the present time. Similar delicacy is noticeable in the ground colors of early Sèvres, from which of course those of the Staffordshire factory were copied. In fact, so successful were the eventual results of the experiments to attain these that it is by no means easy to distinguish between the exquisite rose du Pompadour and soft restful green of the two porcelains. With the famous turquoise blue, however, there is a noticeable difference. Although in both cases this results largely from the use of copper, there is a decidedly greater attraction in that of the English porcelain, by reason of the subtle greenish shade which is apparent with pieces treated with this color.

The individuality apparent in the decoration of Minton is probably accounted for by the fact that its porcelainic bodies were not developed until about the middle of the last century. Further, the continuance of an unretarded prosperity in the factory permitted the retention of the same artists. Thus, unlike the other earlier establishments, the artists of which were more or less itinerant, Minton, under the guidance of the men from Sèvres, developed its own school of artists; from the commencement of its production of porcelain it has not been subject to any other influence. Through the ensuing generations the traditions of the famous Frenchmen have been carried on with that care so peculiar to the British adherence to precedent, which has to a large extent accounted for the perpetuation of the fine craftsmanship which still marks the English ceramic arts.

CARE IN REPRODUCTION

Hence we may look for and find with both the ornamental and domestic porcelain of Minton the same splendid painted designs which mark those pieces of Sèvres from which they were taken. And that all the former excellence is maintained is evident from the two vases which were made at the Minton works, from the original pieces in the collection of King George V, at Windsor Castle. With these it might be assumed that the original designer was influenced by the style of an early pilgrim bottle, to which he added certain classic ornament. In any event, no doubt exists of the perfect proportions and graceful outline developed by the modeler. Possibly, however, that desire which we humans have for color may result in more notice being devoted to the splendor of the artistic panels and the *bleu du roi* ground. As with the floral motifs of the Sèvres artists, we have with the Minton pieces that delightful sense of lilting music which always seems to emanate from the perfect combination of the magnificent colors of Nature's own blossoms.

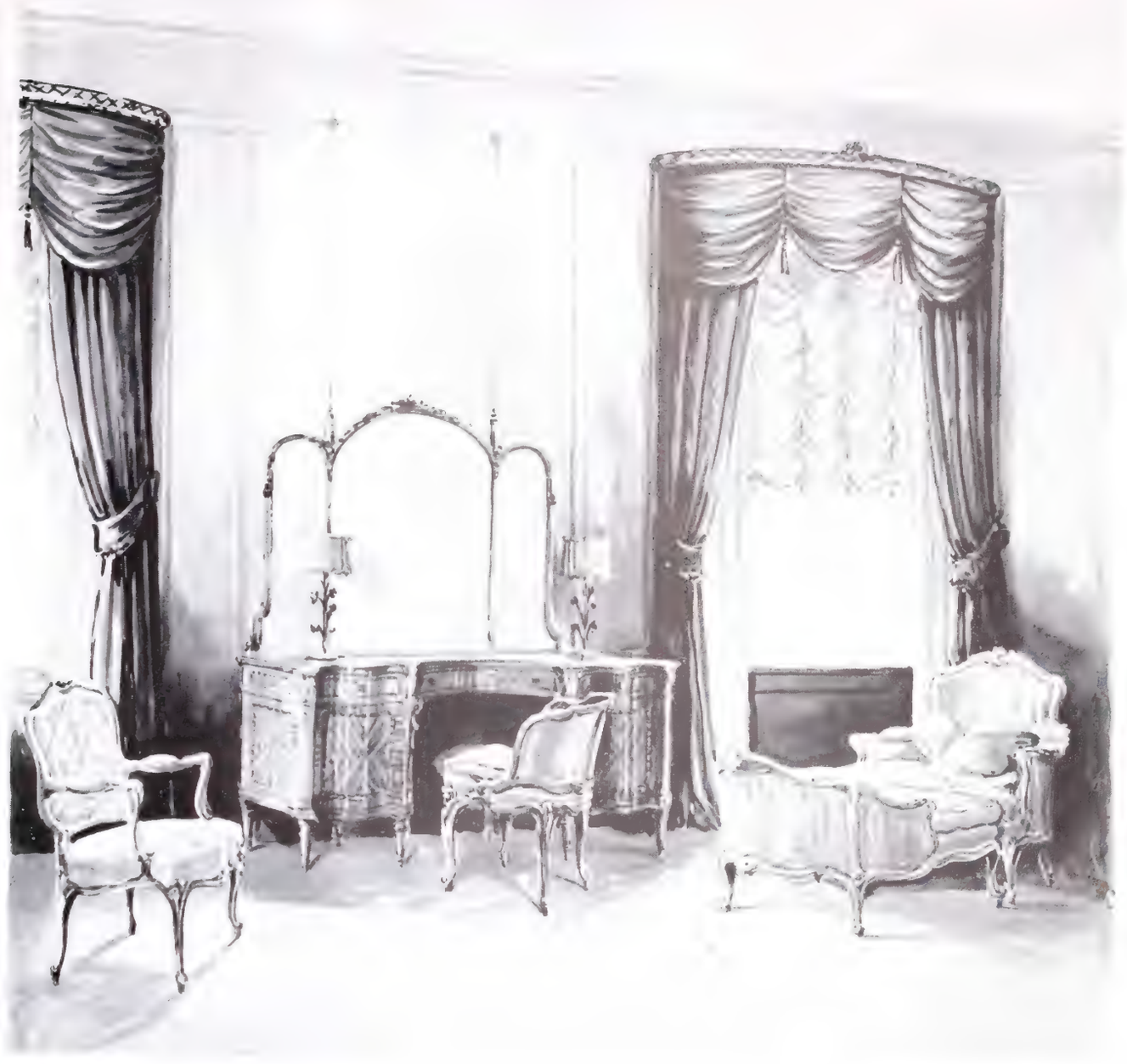
With what might be termed the useful as distinct from decorative pieces, Minton expresses equally delicate charm. Whether with a dainty afternoon tea-set or with a formal dinner service, always the influence of the French artists is outstanding. When the ground colors appear on the rim of a large plate, embellished with finely applied gold garlands and small floral panels, the *tout ensemble* is indicative of that artistry which was Minton's heritage from Brongniart of Sèvres and preceptor of Leon Arnoux. Nor could the refined beauty of the porcelain decorated in the Sèvres manner be better illustrated than by mentioning that even that conservative lady, Queen Victoria, directed Minton to make a service with which the famous blue ground was used. In some instances the neo-classic of the brothers Adam is the guiding motif of the decoration, but here, too, the Minton artists interpret the classicism with all that unconscious grace which adds so much to their work.

RENEWED INTEREST

That attention which American collectors began to devote to European ceramics some years ago was for some time directed to the acquisition of early Sèvres. Gradually the connecting link between this famous porcelain and its English counterpart was discovered, and within the past few years much of the latter has found its way to this country. For the unsuccessful efforts of our prominent families to obtain complete services of Sèvres were largely instrumental in attracting attention to the art of Minton, among the examples produced at the latter factory in recent years being several services now owned by a well-known American collector. Each of these is typical of that exquisite delicacy reminiscent of the celebrated French artists, from whom the motifs are copied. With one the white center is overlaid with gilt embellishments, the rim of the plates having a green ground similarly decorated with gold ornamentation. The latter is arranged in foliated scrolls, enclosing cartouches in which are bouquets of flowers in natural colors. Another of these services is of the more ceremonial type, the decoration being pendant husks and other classical motifs, entirely in gold on a white ground.

Probably the fame which the Minton factory early achieved was due in the first instance to the process known as *pâte-sur-pâte* (paste on paste) evolved and perfected by Solon; later, to the discovery and application of what is known as gold incrustation, bringing further eminence to the factory. It is a somewhat curious coincidence that although both Solon's magnificent art and the gold embellishments are not unlike and are often confused with similar forms of decoration, actually they are in every way different when closely examined. To touch briefly upon the more simple

(*Continued on page* 134)



New York Galleries Inc. Decorators

WALLS in a subdued neutral tone, relieved by a touch of mellowed gold and the vibrant sheen of silken hangings ... an alluring contrast, indeed, to the lovely dressing table exuberant with the color of rare cabinet woods.

¶ The original treatment of the windows, with their delicately carved cornices curved outward to free the hangings from the radiator enclosures, completes a silhouette which becomes a charming decorative note and a practical solution of the radiator problem as well.

¶ This interior gives an idea of the countless suggestions revealed at these Galleries ... not alone in the antiquities from many lands or the reproductions of historic furniture, but in the manner of their grouping in a series of enchanting ensembles.



New York Galleries

INCORPORATED

Madison Avenue, 48th and 49th Streets

CABINETMAKERS DECORATORS ANTIQUARIANS



A single piece can make a room charming

IT is really remarkable what a fine piece of rugged beautiful period furniture will bring to a room. A refectory table, a regal secretary, an odd and interesting chair will awaken beauty where only dullness reigned before.

To achieve a real decorative triumph, the pieces you select must be truly distinguished and it is refreshing to find in Hastings creations a character and individuality completely out of the ordinary.

The beautiful table pictured above is a Spanish reproduction in walnut with carved stretchers touched with antique gold. It is of the type without wrought iron, now highly favored. Your dealer will show you this and other Hastings productions.

HASTINGS TABLE COMPANY
HASTINGS, MICH.

Factory Sales Office and Display
Keeler Bldg., Grand Rapids, Mich.

HASTINGS
Furniture

ment distinguish

THE ARBORETUM IN AMERICA

(*Continued from page* 103)

the arboretum fell into neglect and many of its trees disappeared. In 1896 it was purchased by the city of Philadelphia as a public park, and recently a commission was appointed to preserve what was left of the old garden. The ravages of neglect have been lessened, but meanwhile the city of Philadelphia has pushed its dwellings and factories around so that the atmosphere is vitiated. The best that can be done today for America's first arboretum is to protect the old trees and, where space is available, plant younger members of the same families. [illegible] would have about one-hundredth of its prevalence.

What on good evidence would appear to be the second oldest arboretum in America has been treated more kindly by time. Known as the Prime Arboretum, it was founded by [illegible], Scotland, Jr., of that name, and the planting of ornamental trees seems to have been begun about 1771. The last of the two brothers, James, died in 1827 and the property passed to the hands of his [illegible] who has taken a keen interest in the place. A few years ago it was purchased by Mr. P. S. Du Pont and its future is abundantly safe.

William Bartram, friend of Humphrey Marshall, wrote the first American botany and founded in 1773 an arboretum in what is now Marshalltown, Philadelphia. There, today, may be seen many fine old trees including good specimens of the Cucumber-tree, Kentucky Coffee-tree, Sweet Gum, Black Walnut and others. In front of the [illegible] to the arboretum the Chester County Historical Society has erected a memorial stone bearing the inscription "The Home and Arboretum of Hamilton Marshall." At least two other old arboreta were founded near Philadelphia, namely: The Woodlands, the old Hamilton Garden, and the Painter Arboretum. The former is now a cemetery. The Painter Arboretum is today unkempt and uncared for.

THE NEWEST ARBORETUM

The youngest of American arboreta and one founded on sound practical lines is the Morton Arboretum at Lisle, near Chicago. This Arboretum was founded and endowed by Mr. Joy Morton in memory of his father. "Creating a foundation to be known as the Morton Arboretum, for practical, scientific research work in horticulture and agriculture, particularly in the growth and culture of trees, shrubs and vines by means of a great outdoor museum arranged for convenient study of every species, variety, and hybrid of the woody plants of the world, able to support the climate of Illinois, such a museum to be equipped with an herbarium, a reference library, and laboratories, both for the study of trees and other plants, with reference to their characters, relationships, economic value, geographic distribution and their improvement by selection and hybridization; and for the publication of the results obtained in these laboratories by the officials and students of the arboretum in order to increase the general knowledge and love of trees and shrubs, and bring about an increase and improvement in their growth and culture."

Mr. Joy Morton is essentially of a practical turn of mind and the foremost object of the Morton Arboretum is to demonstrate by planting in blocks of an acre or more all the different kinds of trees that will withstand the climate in order to find out from their rate of growth, etc. those best fitted for forestry purposes in that section of the country. The area available is over 400 acres. The first plantings were made in April, 1921. Bulletins of Popular Information have been issued since April, 1925 by the Morton Arboretum. From these a good idea of the progress already made can be had. It is surprising how much has been done in so short a time and still more so the rich variety of woody plants found to be hardy in that part of Illinois.

The Shaw Garden at St. Louis has an arboretum as part of its equipment and so, too, has the New York Botanical Gardens and others. A national arboretum at Washington, D. C. is about to become an accomplished fact and one is being planned for the State of California.

FOR PERMANENCY

The lesson taught by the early arboreta of this country—and for that matter of every other country—is the futility of establishing them as private hobbies or ventures. The span of human life is too short and the continuity of purpose it affords is not sufficiently long. It is necessary, if arboreta are to accomplish the work it is intended they should, that they be attached to permanent institutions—colleges, foundations or governments. As part of such institutions where continuity of policy and purpose can be enjoyed over a long period of years arboreta are one of the soundest investments a community, a State or a country can make. They influence both the social and moral uplift of communities by demonstrating the beauty of the woods and forests, waysides and meadows, mountains and valleys, not only of the land in which they are established, but of the whole world. They are in truth books in which may be read the story of Flora's Kingdom books of inexhaustible knowledge set forth in such fashion that all who will, be they young or old, can interpret something.

I have stated that an arboretum is a garden, a garden of trees and shrubs. It is this and more. It is a plant supply station for the horticultural needs of its own region and of the country in which it is located. It is a plant entrepot, an acclimatization field, a general testing station and a clearing house of information on woody plants. It is a place to which travelers, collectors and all interested in plants can send seeds and plant material from anywhere and everywhere and be assured of their being given proper care. An arboretum that serves such

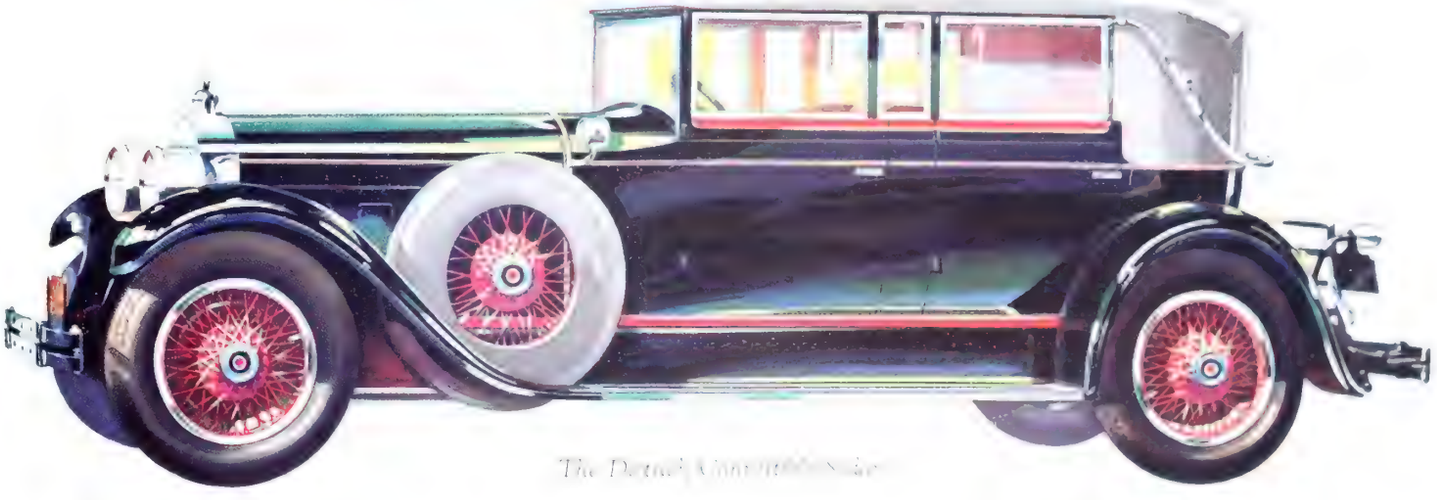
(*Continued on page* 136)



Fine ladies had much leisure in the age of chivalry. Their needlework was often a lasting artistic achievement







The Packard Convertible Sedan

CULTURED women instinctively recognize and appreciate fine work—whether it be the decorator's, the modiste's or the motor car designer's.

The preference such women have shown for Packard cars—not in a few large centers only but in every section of the Union—is a tribute to three particularly well recognized Packard qualities, beauty, prestige and long life.

For women wish the family car and particularly their own private cars to reflect good taste and discrimination inside and out, to possess a distinguished reputation and, withal, to be of good quality and lasting service.

Woman recognizes a Packard [illegible] as [illegible]

something more than a mere utility. She sees it also as a work of art. Here is necessary transportation made luxurious—and clothed with beauty.

The very needlework, and there is much of it hidden in the soft upholstery of a Packard interior, reflects the pride which Packard women take in aiding to produce the best built car in the world.

PACKARD

ASK THE MAN WHO OWNS ONE



The ULTIMATUM:

"This'll be my last week, Ma'am . . .
I WON'T wash in rusty water."

"BEAUTIFUL linens you have, ma'am, and pretty dresses and linigree, and I won't be spoilin' them and gettin' blamed no longer for a fault that's all in the water pipes.

"Everyplace *else* I wash now they have brass pipes th. t don't rust and streak up the clothes."

* * * *

It is a fact that just about everybody who is building a house nowadays *is* putting in brass water pipes. Or if they are replacing sections of rusted iron or steel pipe in their present houses, they are using brass pipe that won't ever have to be replaced. And as people are coming to know more about brass pipe, they are learning that there are several reasons why they should specify Alpha Brass Pipe.*

**All brass pipes are not the same. Alpha Brass Pipe is different from ordinary brass pipe because it contains more copper and lead.*

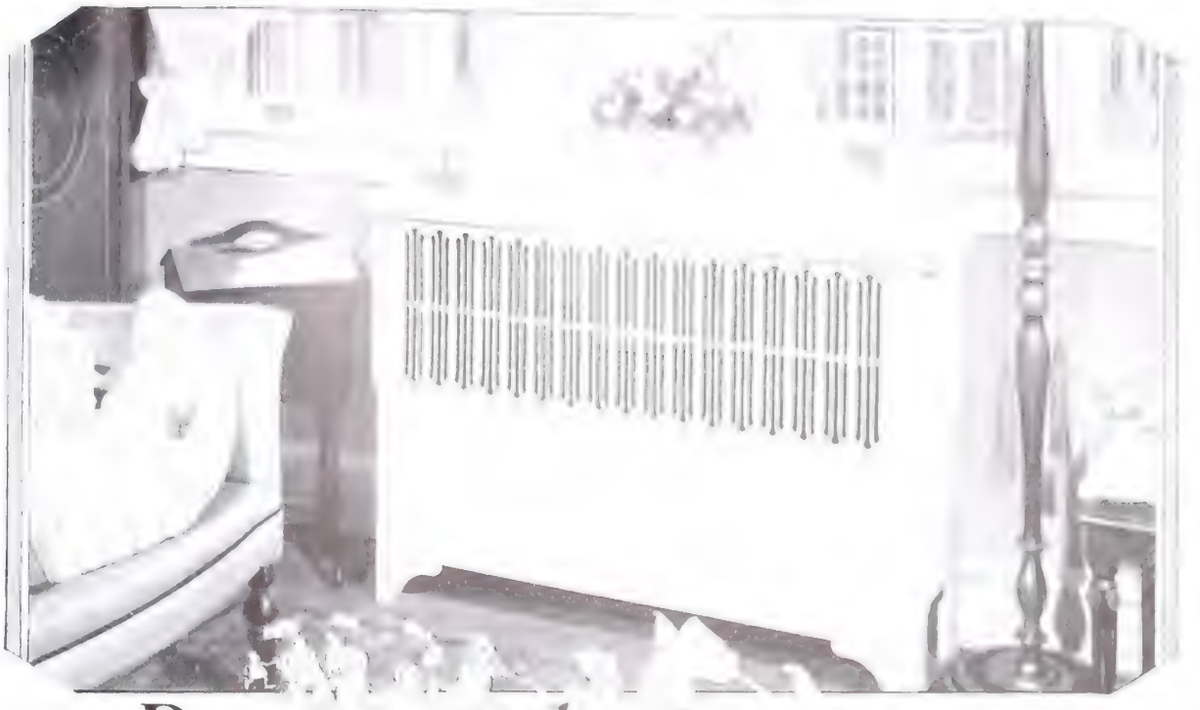
Although it is made from a better kind of brass and produced by a special process, it is sold at competitive prices and is the only trade-marked pipe of its kind. Plumbers prefer it because it cuts cleaner and sharper threads (making leak-proof joints).

It positively cannot rust, and the Alpha trade-mark, stamped every 12 inches, guarantees it for soundness and satisfaction.

Alpha Brass Pipe is not expensive, either. For instance, in a $20,000 house Alpha Brass Pipe costs only about a hundred dollars more than the cheapest iron or steel pipe.

ALPHA Brass Pipe
POSITIVELY WON'T RUST

Send for interesting booklet, "Alpha, The Story of a Water Guide." Address: Chase Brass & Copper Co., Waterbury, Conn.



Better *than an* army *of* little cleaners



Clean, clean, clean! What chance have you to keep the nation's most pretty home clean today? A Mullins End will help defeat the dirt and germs that from walls and drapes.

THE big surprise in home [illegible] to find, standing awkwardly [illegible] *unsightly radiators*. A piece of [illegible] room! Neglected . . . . . bare . . . . . [illegible] it which simply can't be cleaned.

Better than an army of little cleaners for walls and draperies are Mullins Radiator Enclosures and Shields. They help *keep* clean by drawing in cool air at the base of the radiator and deflecting the warm air *outward* into the room, *away* from the walls. Madame's pretty draperies of loveliest hue, the furnishings chosen with so much discrimination, all are protected from the destroying dragon of DUST!

Instead of ungainly masses of cast iron, your radiators become really handsome additions to the beauty of the room ensemble. Humidifying pans under the lids add life-giving moisture to a too-dry atmosphere—and with actually less heat, the room becomes more comfortable.

Mullins Enclosures and Shields are sold by retail stores at surprisingly reasonable prices, far less than has been the average heretofore. They are in three lovely furniture finishes: Mahogany, Walnut, Old Ivory. Standard sizes are available to cover radiators of every size.

Visit your local store and see these beautiful Mullins Enclosures and Shields at once. Mullins Manufacturing Corporation, Home Furnishings Division, Salem, Ohio.

Enclosures $20 *and up*

Shields $7.50 *and up*

MULLINS

RADIATOR ENCLOSURES AND SHIELDS





ROBRAS 20-20 RADIATORS
Improve the Appearance Of Almost Any Room

Robras 20-20 Radiators are out of sight, in the wall, under the windows. They give off as much heat, yet occupy none of the space usually occupied by the radiator.

They are designed to be concealed in the wall, in recesses as shallow as two and a half inches. Two inconspicuous grilles alone betray their presence.

Robras 20-20 radiators are only one fifth the weight of equal old fashioned radiators. As they are made of brass, a splendid conductor of heat, they give off useful heat almost as soon as the steam is turned on. They can't rust and so never need painting.

Freezing can't harm them.

You will want to know all about these modern radiators. An inquiry on the coupon below will bring you an interesting book.

H. G. 1-28



The [illegible] memorial at Pratt Institute, Brooklyn, N. Y., [illegible] from a flag pole and [illegible], a design that many communities [illegible] Joseph H. Hazelhurst, architect; H. D. Pratt, sculptor

TOWN BETTERMENT

(Continued from page 105)

back to the examples of Europe, [illegible] monuments to the art [illegible] of planning of a few centuries ago, to look to the older countries to perceive and to learn at their feet. This we have done to our advantage. We now find creeping into the text books on city planning of other countries many instances held up to view of the fine work planned and executed in the newer cities of America.

City planning has become a legalized fact in the majority of the States of the country and in many the appointing of a city plan commission has become compulsory, although, to our regret, there are still a number of these who, for one reason or another, are suffering from acute inertia. New cities are springing up out of the prairies, along the seacoast, footing the mountains, planned and executed to offer the most in commercial, industrial and living or recreational advantages to those who will populate them.

It is comparatively simple to plan a new city, a high-grade subdivision, properly restricted and scheduled for development during a period of future years. It is a far greater task and a more serious one to take that city which has grown rapidly in every direction with no definite plan or reason. In such a case replanning is necessary at great expenditure, which, however, is returned not only in greatly increased land values, but in finer living conditions.

City planning is, in brief, the design of a city whereby are determined boundary lines for streets and parks, sites for public buildings, civic centers, zoning districts and plans made for transportation. Each park, playground, memorial or community house, designs of street lights and sign boards, traffic towers and trolley shelters—each individual project has its place in city planning, as a unit of the whole plan. A comprehensive plan may span three, ten, fifty or a hundred years, but each year carries out its link of the program for the execution of constructive parts, each one fitting into the completed pattern.

In each city so planned it is usual to appoint a city plan commission consisting of from five to eleven men, according to the size and demands of the community. This commission should include among its members certain city officials and will act in an advisory capacity to those city departments which are responsible for carrying out the program from year to year. It is through them that a study is made of local conditions and needs, usually through a survey of the city; that the financing is arranged; and that the projects are individually and collectively brought before property owners. It is their affair to keep in constant touch with the situation, seeing that each part of the plan is carried out in its proper place.

According to a recent survey there are now twenty-seven States active in city planning, and in sixteen other States there is shown a decided interest in the movement. At the close of the year 1926 there were reported over 500 zoned communities in the United States representing approximately 60,000,000 population, or 55% of the total population of the country. In 1916 there were only six cities upholding zoning with a combined population of less than 6,000,000 people. It is also reported by the National Conference on City Planning that the close of 1926 showed over 300 official local planning com-

(*Continued on page* 142)

"Les Gazelles au Bois"

A new damask with the spirited beauty of modern wrought iron

THE INFLUENCE of the fascinating iron work produced in France today is evident in this striking damask "Les Gazelles au Bois."

Like wrought iron are the gracefully scrolling lines, the isolated flowers woven in black. And delicately silhouetted gazelles are clear cut against the ground of lacquer or green.

This damask was designed and executed by Schumacher. A pattern of rare unity, it is admirable for wall hangings, portieres, draperies, and it makes a delightful screen. Or it

Modern chairs and many other productions and adaptations from the great period of the past [illegible] by Schumacher are [illegible]

There must be [illegible] your decorator, architect or [illegible] service of [illegible] Simple sketch to get [illegible] can be promptly obtained by them.

How you can obtain [illegible]

[illegible] Chicago, Philadelphia, Los Angeles, San Francisco and Grand Rapids



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THIS Electric Maid is the perfect servant—never tired—never sick—never takes a day off—never "gives notice."

It does everything that takes time and muscle. Mixes bread and pastry doughs—beats eggs, icings, candies—mashes potatoes—whips cream—strains fruits for butters and sauces—sieves vegetables for soups—slices vegetables and fruits—chips ice—blends mayonnaise—freezes all frozen dainties.

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Whether you do your own work or employ a maid, you will find KitchenAid priceless. It takes the backache out of meal preparation for yourself—it makes your maid more contented and efficient, promotes sanitary methods.

KitchenAid improves foods amazingly, makes ingredients go further, encourages variety. It takes the guesswork out of new recipes—makes results certain.

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KitchenAid is a group of perfect food-preparing appliances assembled in an electrical unit. Attaches to any light socket. Costs 1c an hour for current.

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Electrical Food Preparer for the Home

The KitchenAid Manufacturing Company

THE KITCHENAID MFG. CO.
Dept. HG 18, Troy, Ohio

THE TASTE FOR ANTIQUES

(*Continued from page* 81)

fully mounted but one may even attribute that to the workers of the Middle Ages, which surely they are most worthy of—even. It were difficult to call these pieces "fakes"—one might better apply the term *pastiche*, for such furniture was built rather in a spirit of reconstruction than imitation by artists who came into existence too late but who executed with all the technical skill, of their distinguished predecessors.

Be that as it may, the general directive had been given, literature took up the trail, and already the novelists began to turn towards the Middle Ages and the Renaissance, which they exhumed from the dust. It is easy to recall the vogue which Walter Scott's historical novels had in England—and almost immediately afterward, in France, Victor Hugo's plays *Hernani*, *Marion Delorme*, *Lucrèce Borgia*, *Ruy Blas*, *Tour de Nesles*, *Les Burgraves*, etc. But the most considerable influence of all was that exerted by the novel *Notre Dame de Paris*. That evocation of 15th Century proceedings obtained amongst all classes a most unheard of success. Its picturesque character, the bright color and the brutality of those mediaeval days corresponded exactly to the tendencies of *La Littérature Romantique*. The novels and the dramas of Alexandre Dumas *père*, *La Tour Maubourg*, *Tour de Nesles*, and many others, charmed and delighted the popular mind. The Moyen Age and the Renaissance proceeded to have a most astounding revival, and everything that sprang from them had immediate popularity both in the world of fashion and the world of art. The date when *Notre Dame de Paris* made its appearance (1831) may then be considered as the starting point of public enthusiasm for work and trinkets of days long gone by.

VIOLLET-LE-DUC

At that time Viollet-le-Duc was seventeen years old, the age of first enthusiasms. Following hard upon the footsteps of the great poet he undertook investigations which assumed a more precise, almost scientific character. He tried to make a more exhaustive study of that Moyen Age about which so much was being said, so little really known. In a word, he was the founder of a "school". His disciples and other eager seekers for knowledge formed themselves into a group about him, as did the "imaginatives" about Victor Hugo. As early as 1833 they renewed Alexander Lenoir's old—and dream of founding a museum wherein should be installed the national antiques of France.

It required a whole decade to arrive at a result. At length in 1843 the *Musée de Cluny* came into existence, enriched from the very moment of its birth by the Dusommerard collection, which contains fourteen hundred objects.

From then on the official example had been set, and similar collections were organized all over the country. The influence of Romanticism continued to be felt; the innumerable trinkets that were raked out of all the old provincial garrets began to find a market, thanks to their picturesque, curious and sometimes strange fascination. A word, most particular to the period, indicated what one expected of them: they were called "curiosities". They were supposed to awaken the imagination. The organizers of this first Museum do not hesitate to go the very limit in this line; little do they care about exactitudes, truths or even likelihoods. Without the slightest hesitation they calmly take a panel of one period, a panel from another—a bit from this country, a bit from that—the districts and the periods are all joined together indistinctively by a cabinet maker and thus are produced a *credence*, a *prie-Dieu*, a door, a bishop's throne; any number of decorative pieces all very pleasing to the eye, but which, alas, belong to neither the Moyen Age nor the Renaissance, and are neither French, German nor Italian while at the same time they are all three.

ADDED ATTRACTIONS

Nor is that all! In order that this furniture made, as it were, to order, might become more suggestive, more attractive, there seemed to be no reluctance in attributing it to the illustrious persons to whom it is said to have belonged, or who made use of it under such and such historic circumstances. In going through the first catalog of the Cluny Museum, among the nomenclature of the different objects on exhibition one might read the most fantastic designations.

"A Chess set belonging to St. Louis, made of cut crystal, encrusted with precious stones."

No! No! and No! St. Louis had been dead for centuries when these pieces (an extremely beautiful set of chess men) were put together and remounted with various disparaging elements.

"Francois Premier's bed, whose four columns represent four knights carved out of solid oak."

Again no! A bed put together under the reign of Louis Philippe, with pieces that date from Henry III, others from Henry IV, and still others (these the oldest) from the time of Henry II, who himself only mounted the throne after the death of Francois Premier, his father.

"A pair of heavy gauntlets which have perhaps shaken the hand of the Duchesse de Guise."

"A Venetian mirror which the Medici brought with them to the Court of France."

"The knife which carved the deer at the banquet given after the crowning of Charles Sixth, at Rheims."

All this is pure imagination, since indeed those mirrors, those gauntlets, those hunters' kits, while authentically antique, come from heaven knows where, and present no individual characteristics that permit linking them to any of the historic or legendary events to which the whimsical author of their histories attached them.

(*Continued on page* 132)

Make Your Kitchen as *Beautiful and Lasting* as the House Itself

Well-known homes the country over have kitchens completely equipped with White House Units. The cost is only a trifle more than the cost of old-fashioned wood installations—and the saving on replacement makes the White House Kitchen an exceedingly profitable investment.

White House Units—made entirely of *steel*—are fire resisting, moisture proof and germ proof. Three coats of baked enamel make them sanitary and easy to keep spotlessly clean. Any space may be filled simply by combining standard units. We will be pleased to furnish without obligation, sketches and estimates to fill your spaces and requirements.

You are cordially invited to visit our spacious new showrooms where many combinations of White House Units, both for large and small homes, are on display.



Residence of Benjamin F. [illegible] at Englewood, N. J. Lewis Bowman, architect. Showing a corner of the [illegible] equipped with White House Units

The WHITE HOUSE *Line is made of Steel!*

JANES & KIRTLAND, INC.
Established 1840
101 Park Avenue New York City



When Wm. Penn chose hardware for his famous urban home

WILLIAM PENN'S town house is preserved in Philadelphia. We find that this Quaker, among other vanities (such as shoe buckles, periwigs, and an overmantel on the chimney piece), used brass hardware on his front door.

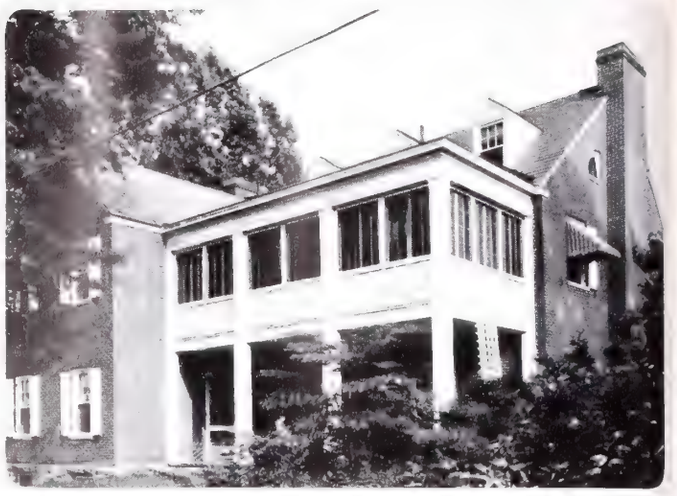
The doorway above is illustrated with solid brass hardware designed in the urban Colonial spirit by Sargent & Company. In all, there are twenty-seven different standard Sargent designs of solid brass or bronze hardware for Colonial houses, that give one a pleasing variety of choice.

We will be glad to send on request the complete list of Sargent designs for all types of architecture, in our book, "Hardware for Utility and Ornamentation." Let your architect help you choose pieces for your home. Sargent & Company, *Hardware Manufacturers*, 31 Water Street, New Haven, Conn.

SARGENT

LOCKS AND HARDWARE





Placed above a living porch, this sleeping porch is fitted with casement windows which allow the prevention of any drafts. The residence of Carter Hall at Glens Falls, N. Y. Tooker & Marsh, architects

PLANNING THE SLEEPING PORCH

(Continued from page 87)

sleeping porches there are methods of treatment which are appropriate—paints, certain kinds of composition, or wall papers, plain or figured, such as are used for bathrooms and kitchens; or even ordinary wall papers, provided they are suitably protected by glass which renders them washable and therefore proof against moisture.

Furniture for a sleeping porch may be almost what one will. Nothing could be more appropriate for such use than the reed or wicker pieces made for use upon verandas and terraces, although of course the simpler forms of painted furniture are excellent for use in many places, and nowhere, perhaps, more in good use than on a sleeping porch. The use of color which painted furniture makes possible adds a particularly pleasing note to a setting which by its very nature must be simple to be in keeping.

One of the most encouraging features of modern life is the widespread and constantly growing tendency toward living as much as possible in the open. This of course has been aided powerfully by the use of the motor car, which with its swift covering of distances often renders possible for city workers a life in the depths of the real country, and the use of sleeping porches and their now being built almost everywhere indicate an ever-widening appreciation of the benefits which open air living affords.

Those who believe it best to have the sleeping porch enclosed by a series of windows, may well consider the advantages of glazing with a recently perfected window glass which admits the ultra-violet rays from the sun, instead of excluding them as do the usual types of glass. These ultra-violet rays are an invisible portion of the sun's emanations which have long been recognized as containing decidedly beneficial properties when applied to the human body.

TILES FROM OLD MEXICO

(Continued from page 114)

They are known as Mexican Azulejos de Guanajuato and have an undeniable charm due to their pleasing but subdued coloring and the extreme simplicity of the designs which are, of course, painted free-hand.

Some very interesting tiles have been made, adapted from the Guadalajara type of pottery, for use in the house of José G. Zuno, former Governor of the State. This is an individual idea which can be most successfully developed. This type of pottery is the evolution of the most pure and native art after three hundred years of Spanish influence and can be directly linked with pre-Hispanic art. The palette is of two general keys: one, earth browns, sienna, ochre, black, with blue and white; the other, gray, brilliant blue white and black.

A collection of these various Mexican tiles will be included in the Exhibition of Mexican Fine and Applied Arts to be held at the Art Center in New York in January, and later will be on exhibition in other large cities of the United States under the patronage of the Rockefeller Foundation.

This is the first of several articles by Mrs. Paine on the tiles of both hemispheres. The series will comprise a review of the world's output of these highly decorative units together with suggestions for their most appropriate uses. The second article will appear in an early issue.—EDITOR



Today

HEAT CABINETS INSTEAD OF RADIATORS IN THOUSANDS OF HOMES

THEY'RE everywhere today — these modern Trane heating units which make radiators unnecessary and provide even greater heating comfort. But you must look carefully in a room to find them, for, unlike bulky radiators, Trane equipment does not force itself upon your attention the moment you enter. Trane Heat Cabinets, finished like fine furniture in any tone or grain, blend perfectly with the room ensemble; Trane Concealed Heaters are completely hidden between the walls.

Architects and interior decorators are so enthusiastic over this new freedom in arrangement that a room is no longer up to date without Trane equipment. Instant control with the damper grille brings equal delight to those who think first of comfort.



Trane Heat Cabinets and Concealed Heaters are not hidden or recessed radiators, radiator shields or screens, but an entirely different type of heating unit with a patented copper heating element. They may be installed on any make of heating system ordinarily employing radiators. For greatest satisfaction, connect them with a Trane Vapor System and install Trane Traps and Valves.

Booklet on

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CABINETS **TRANE** CONCEALED HEATERS

··· PUMPS AND HEATING SPECIALTIES

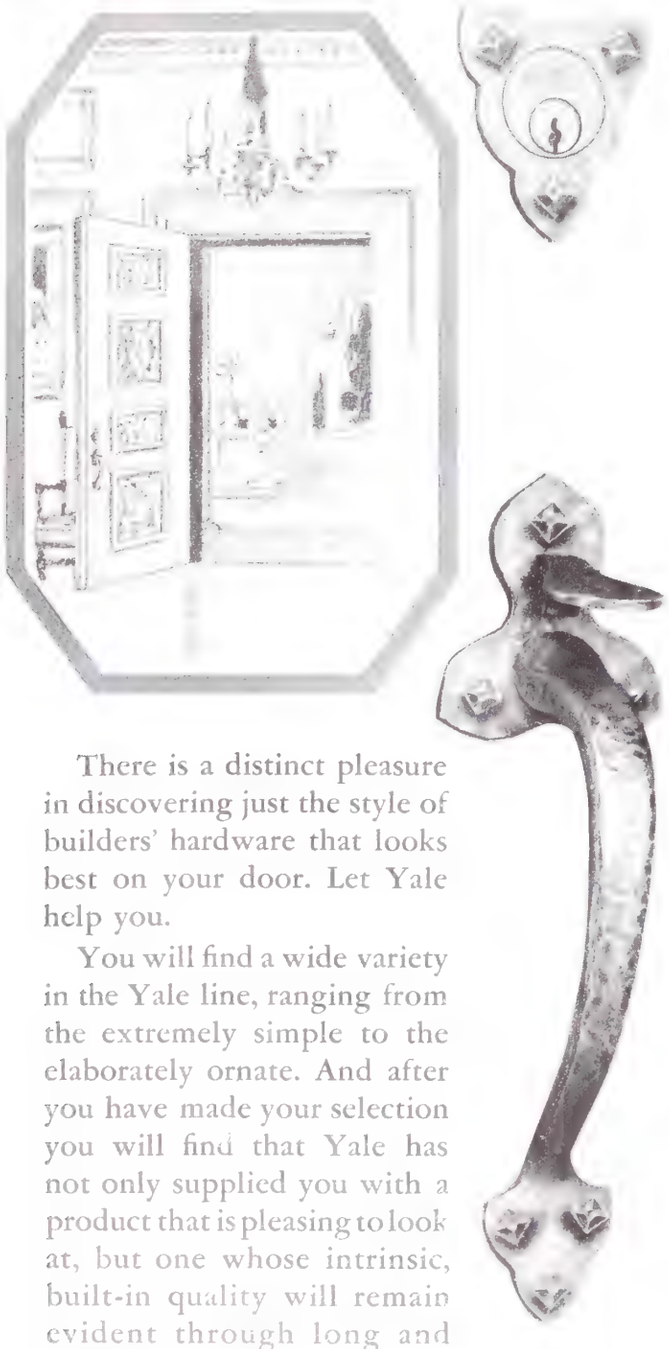
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There is a distinct pleasure in discovering just the style of builders' hardware that looks best on your door. Let Yale help you.

You will find a wide variety in the Yale line, ranging from the extremely simple to the elaborately ornate. And after you have made your selection you will find that Yale has not only supplied you with a product that is pleasing to look at, but one whose intrinsic, built-in quality will remain evident through long and continuous use.

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Stamford, Conn., U. S. A.

YALE MARKED IS YALE MADE

HOUSE & GARDEN'S BOOKSHELF

DECORATIVE MOTIFS OF ORIENTAL ART. By Katherine M. Ball. New York: Dodd, Mead and Company.

ANOTHER delightful book has been added to our shelves and to that special corner where we seek light on the mysterious subject of what the Oriental really means when he purposely repeats the decorative ideas he loves. For he uses them as deliberately as we use the alphabet, without a suspicion that they ever can be discarded.

It was a labor of joy—this book—as everyone knows who has ever yielded to the lure of Chinese and Japanese art and ornament. Frankly interpretative, and charmingly illustrated, it brings all the order and tabulation possible to a subject so often subtly and inextricably interwoven as to require both a poet and a philosopher to elucidate.

The point of view is accurate, giving full value to the derivative arts of Japan and Korea as well as to the primary Chinese sources. It is especially welcome on this account, because China has so largely absorbed the interest of art and beauty lovers that the Japanese and Korean interpretations of Chinese art motifs have often been neglected. A glance at the chapters will show what selection has been made and what emphasis placed on the different motifs, all of them animals: The Dragon, Tiger, Phoenix, Unicorn, Tortoise, Lion, Elephant, Bull, Horse, Deer and Goat, Monkey, Boar, Fox, Badger and Bear, Cat and Dog, Hair Squirrel and Rat, Serpent, Toad and Frog, Sea-Floor Life, Fish, Crane, Falcon, Peacock, Cock, Water-Fowl, Crow and Snowy Heron, Cuckoo and other Birds, Bat and Butterfly, Dragon-Fly and other Insects.

Of all these animals none appeals to the Westerner for sheer beauty in decoration as does the Phoenix—the Fung Hwang, the Japanese Ho-Ho Bird. This superb and stately creature is majestically displayed on innumerable objects of art and adornment. Many interesting legends and writings are preserved of this transcendent bird, none more beautiful than that quotation from Shang Li T'ien Wei —"When the world is at peace, the singing of the [illegible] is like the tolling from a temple."

In reading the book, especially the chapter on the Dragon, the Phoenix, the Unicorn, and the Tortoise—under which headings are collected quite a mass of ancient traditions regarding the symbolic meanings of these mythological creatures, we are reminded of a prophecy made a few years ago by Mr. Suez when Chinese Consul at New York. In speaking of the untouched archaeological treasure [illegible] beneath Chinese soil, he said that when the Chinese should become sufficiently enlightened in the mass, to permit the free building of railroads, the necessary digging would bring to light some astonishing remains, among which he forecast the possibility of "the missing link" which Darwin assiduously sought. Some time after this prediction, made to us personally, Roy Chapman Andrews made his historic discovery of dinosaurs in China, evidence that the Chinese Dragon may be a carefully preserved fact rather than a fancy. Who knows but the fabulous Fung Hwang may have been the result of a conscious effort to preserve a prehistoric fact! This book is a mine of well collected data.

G. G. G.

WORM IN FURNITURE AND STRUCTURAL TIMBER. By John Girdwood. New York: Oxford University Press, American Branch.

SCRATCH, grind, crunch—my mind snapped out of the pages of the de luxe edition of *La Dame de Monsereau* written in the beautiful facile French of Dumas to attention in one of the most artistic drawing rooms in New York City. The un-Gallic ejaculation: "For the love of Mike, what's that!" came to my lips; for above the hissing and crackling of the big wood fire, the sharp scratch, grind, crunch, continued. First I thought it was a burglar. Then I thought it was a mouse. I investigated. Wandering about the large room I finally traced the sound to a magnificent walnut table. A long examination disclosed the fact that the sounds were coming from *inside* the solid thick top, from the legs, sides, feet. The table was a veritable sounding-board—had awakened to life suddenly, a life which meant its death, for worms were devouring it, boring noisily into its every member.

Panic seized me. I had been left in charge of the extremely valuable contents of the home of a relative during his absence, and this splendid table, a treasure—a museum piece—was disappearing, particle by particle. This table was more than a piece of cabinet work, it was a rare masterpiece of art. In the center of its top was an oblong cartoon of etched ivory and mother-of-pearl depicting the feast in Simon's house with Mary wiping the Saviour's feet "with the hairs of her head"; the servants bearing in dishes of all kinds with flagons of wine; the figure work superb, the men showing bold muscular development in the perfect style of the Renaissance. A medallion of the Saviour at one side of the cartoon, engraved in mother-of-pearl, was balanced by a similar one of Mary at the other end. Designs of graceful scrolling in fine brass wire hammered into and flush with the surface of the wood; a wide border of fruit and flowers around the table's edge in etched and colored mother-of-pearl; a unique example of such unusual work that there were but two other pieces known and these small.

There was I, helpless before an army of impudent worms, literally eating up this treasure before my eyes. On the feet of the table and on the parquet floor were little dust heaps, the pulverized remains of the parts already destroyed.

A telegram to California: "The worms are destroying your Italian Renaissance table. Help!"—brought the same answer given by John Girdwood in his valuable treatise, the fruit

(Continued on page 160)



It has been so wisely said that minute attention to detail makes perfection. This truth is admirably illustrated in the Lincoln All-Weather Cabriolet. Even to the smallest detail this richly appointed car offers the very utmost in motoring satisfaction. Its interior fittings and appointments achieve a standard of comfort and convenience worthy of the satin-smooth performance of the precision-built Lincoln. The driver's compartment permits either Enclosed Drive or Town Car effect.

L I N C O L N

A TILE ROOF OUTLASTS ANY HOME



A ROOF THAT CHARMS EVERY BEHOLDER

and is a source of endless pride and protection to its owner

When building a home it is well to remember that its roof will never escape the attention of even the most casual observer. Thus it is doubly wise to roof with IMPERIAL Roofing Tiles, for in addition to providing virtually everlasting protection from fire and the elements they will create a pleasing and lasting impression on every passer-by.



On receipt of twenty-five cents in coin or stamps (to cover postage and packing) we will send you a copy of "Roofs," a 32-page brochure containing numerous color plates of residences with enchanting roofs of IMPERIAL Roofing Tiles. Or an illustrated folder will be sent you *free*. Address: Ludowici-Celadon Co., Department A-1, 104 South Michigan Avenue, Chicago.

Chicago, 104 S. Michigan Ave. LUDOWICI-CELADON COMPANY *New York, 565 Fifth Ave.*

IMPERIAL
Roofing Tiles



STORM-PROOF

BEHIND these sparkling panes there are always hospitable warmth and comfort. Crittall Casements offer you all the charm and beauty of antique leaded glass combined with absolute protection against inclement weather. *Guaranteed* wind and weather tight, without weatherstripping, they keep your home cozy even on winter's severest days.

Ask your architect to

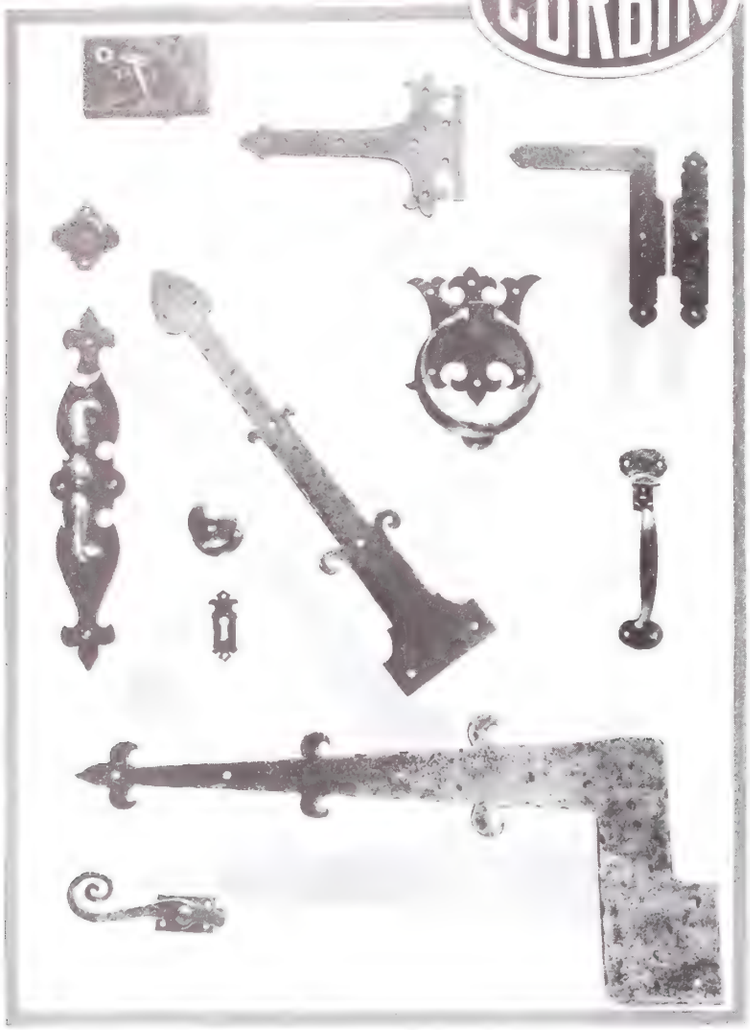
Crittall Casements harmonize with the home you are planning and how easily they may be draped, screened and cleaned.

Let us send you our catalog, illustrating their use in homes of every architectural type, explaining how truly economical they are when long life and genuine satisfaction are considered.

DETROIT, MICHIGAN

CRITTALL CASEMENTS

Good Buildings Deserve
Good Hardware CORBIN



EARLY ENGLISH HARDWARE
by CORBIN

It must have come from the hand of Old England transplanted, grown to that mellowed touch the touch of staunch and sturdy Early English craftsmanship by Corbin.

Handles and hinges, knobs and knockers, locks and latches—all reproductions of old originals. Complete hardware equipment—architecturally correct—the right and needed item for every door, every window, every cupboard, every shutter. All authentic. All rust-proof. All Good Hardware–Corbin.

Early English is but one of many charming Corbin designs. Graceful hardware for Georgian homes. Designs in the Colonial, Spanish and French traditions. In fact, whatever the hardware need, whatever the period, both can be met with good designs in Good Hardware–Corbin.



P. & F. CORBIN
SUCCESSOR
NEW BRITAIN
CONNECTICUT
Hardware Co.
New York Chicago
Philadelphia

HARDWOOD FLOORS

(Continued from page 144)

tal oak for the manufacture of furniture, interior trim and flooring.

Flooring [illegible] and smooth [illegible] most beautiful. These two factors also influence the perfection with which a floor is made, [illegible] with which the wood can be kiln dried, its working qualities, the ease with which it can be laid and the way it takes a finish.

A [illegible] flooring that is all used [illegible] timber grown in regions [illegible] and uniform in color than that which came from trees whose growing conditions greatly differed. Similarly, wood from trees [illegible] uniformly dried and hence gives rise to trouble in the flooring because of the varying moisture content of different pieces. Unevenly textured wood has a tendency to warp [illegible] and large figured, rough textured wood will not finish well.

[illegible] FLOORING

[illegible] flooring [illegible] parquetry floors and [illegible] patterns, which are [illegible] the width.

The width of flooring selected is largely a matter of personal preference. Thickness is a more important [illegible] in new buildings, the owner should insist on the 13/16″ thickness. The thinner of the two usual thicknesses, the 3/8″, is for use over old floors, where sufficient strength is already taken care of. The widths of 13/16″ flooring are 1½″ and 2″ and for [illegible]″ thickness [illegible]″ and 3″ widths are customary.

[illegible] should be reduced to [illegible] moisture content to eight per cent, as [illegible] will want to live and inside the house. This prevents warping, splitting and other difficulties in the finished product, but only so long [illegible] kept dry. The [illegible] for naught if the flooring is permitted to take on moisture. He watches it [illegible] houses, and keeps it dry in transit. The dealer is likewise careful lest the [illegible] should not be brought to the new [illegible] otherwise practically completed. Some [illegible] days before laying the finish floor, although the subfloor, of course, has been laid for some time.

It is therefore important that after the floor has been laid, it is never allowed to become water soaked. An instance may be given here to show the importance of keeping the floor dry. The owner of a beautiful home bought excellent flooring, and supervised its laying himself. He seemed pleased with the result. Shortly after it was completed, he was horrified to see that the floor looked like numerous humps on the backs of so many camels. He had overlooked the effect of whitewashing the ceiling and walls of the basement below, which he had ordered done. The process of soaking is one that no wood can possibly undergo successfully. So this new floor had to be entirely re-laid.

In this case the result was not directly due to the effect of the water or whitewash on the flooring so much as its effect on the subfloor, which swelled beyond its maximum allowance for expansion and pulled the flooring above it this way and that.

A good quality of damp-proof building paper should always be laid [illegible] the subfloor, between it and the finish flooring. The subfloor and the finish flooring should never be parallel. A builder of my acquaintance laid his subfloor parallel instead of diagonal to the walls, and of course the finish flooring ran in the same direction. When told that this was not the best practice, he declared that he knew his business and none needed to interfere with it. In time that finish flooring will very likely be pulled or warped out of shape when the subfloor begins to shrink, unless the subfloor dried uniformly with the finish flooring, which is certainly doubtful.

Flooring is [illegible] slightly more narrow on the back of the piece than on the face, so that the surfaces will fit more closely and the backs will not hold the faces apart. Among the main reasons for the hollow-back in flooring [illegible] distribution of stress on the floor and in providing proper ventilation and circulation of air, thus evaporating moisture and keeping the flooring dry. The pieces of the subfloor are ordinarily laid about one-quarter of an inch apart to allow [illegible] amount of expansion.

[illegible]

In [illegible] are not tongued. Both ends are grooved instead of [illegible] and the other tongued, and slip tongues are used. These come with the flooring bundles and are merely rounded sticks which are [illegible] into the grooves to hold the boards close together. Their substitution for the ordinary tongue makes possible the attainment of several [illegible] patterns, such as the block and herringbone.

Parquetry comes in bundles of even-[illegible] pieces. Each row is ready to be laid, its pieces having been selected for color and [illegible] at the factory, which [illegible] It [illegible] the pieces together, with an eye to their [illegible] of figure.

Flooring is blind nailed. The nails are not seen because they are driven at an angle at the point where the tongue and full thickness piece come together, and they are therefore covered when the tongue is fitted into the groove. In strip flooring each piece is tongued and grooved, with the tongue at the opposite side and the end from the groove.

In the laying of a floor, a space of about half an inch is left between the baseboard and the flooring, all around the room, thus allowing for a reasonable amount of expansion should the flooring take on moisture. Strips of

(Continued on page 148)



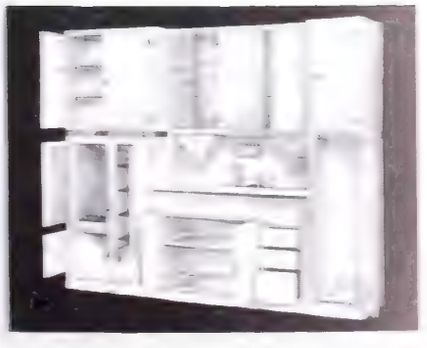


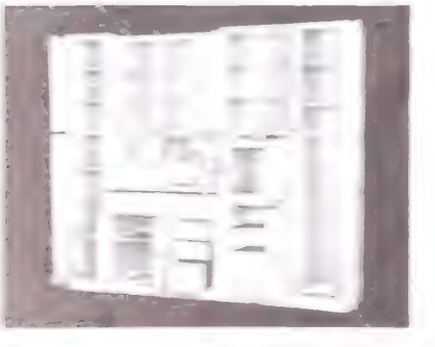
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Kitchens *by* HOOSIER









Have you looked at your kitchen recently with a critical eye? Do you know how inexpensively it can be arranged and brightened as a room where routine drudgery becomes pleasant efficiency? Our kitchen planning department will be glad to prepare a suggested lay-out for your kitchen without any obligation whatsoever. Use coupon below.

WALKER ELECTRIC DISHWASHER SINK

NEW MODELS of the Walker Electric Dishwasher-Sink in several sizes are creating new enthusiasm for better kitchens. The world-wide use of earlier Walkers in thousands of homes and apartments assures complete relief from the disagreeable monotony of hand-dishwashing as evidenced by hundreds of testimonials from these users. One's hands need no longer be spoiled in hot, scalding water. Hours of extra time are saved for more constructive tasks—for the enjoyment of that pet hobby long neglected.

The Walker is so simple to use, so sturdy in its construction, so efficient in its performance that it surpasses human effort—a dream come true. It has passed the stage of experiment. Approved by Good Housekeeping Institute, Modern Priscilla Proving Plant, Delineator Home Institute and practically every domestic science expert in our leading Home Economics Colleges.

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WALKER
ELECTRIC
DISHWASHER-SINK

THE TASTE FOR ANTIQUE

(*Continued from page 124*)

The catalog does not stop there, and our author proudly continues to exhibit his store of knowledge. It is no longer doubtful that the use of forks (though known to the Romans) is comparatively recent in Europe. Until the end of the 15th Century the most distinguished people ate with their hands, without plates, dipping into the common platter with thumb and first finger. Kings and Queens were no exception, save that each had his individual porringer. It was Henry III, the effeminate sovereign, who brought back with him from Venice in 1574 the idea of utilizing forks such as the Romans knew.

The catalog published at the founding of the Cluny Museum mentions the object as follows:

"The first fork ever invented, and which served at a banquet given by Henry Third."

In like manner, to designate a large [illegible] of the 15th Century, which our author unblushingly attributes to Cellini, he says:

"The [illegible] which circulated at the table of Charles IX, and which could quench the thirst of thirty guests, etc., etc."

One might quote almost all the [illegible] in this curious little book which so ill designates the articles on [illegible] and so well expresses the [illegible] of that middle 19th Century, as well as the kind of pleasure derived from the contemplation of relics belonging to the Middle Ages. [illegible] from those of modern times, to bring to life the picturesque, even the [illegible] of those long defunct days, to rest the fabulous in the fairy realms. It is possible to offer the spectator a perfectly harmless thrill, so much the better.

A dog collar gleaming with steel spikes may then become an instrument of torture in the hands of the Grand Inquisitor! In a word all is food for imagination, nothing more!

Should we completely condemn this expression of popular imagination? Certainly not, for it was assuredly worth while, since by amusing mankind it prevented the destruction of art objects.

Once our great novelist, George Sand, found in an old family mansion not far from her own rural home the six celebrated tapestries of the *Dame à la Licome*, and immediately became hypnotized by the crescent moons which are woven in the standard. She was convinced that she recognized therein the vestiges of a love story, which Prince Zim-Zizimi, when prisoner of war, had been the he[illegible]. Upon this myth she at once proceeded to build a somewhat puerile romar[illegible] that was eventually offered the pub[illegible] as an historical truth.

One is of course prone to smile [illegible] such fantastic misconceptions, but c[illegible] mirth should be far from derisi[illegible] since, thanks to the curiosity arou[illegible] by the story, the admirable histo[illegible] pieces were saved from ruin. T[illegible] were all six purchased by the Clu[illegible] Museum for the exorbitant sum [illegible] twenty thousand francs! In our [illegible] they have been valued at more t[illegible] one million francs apiece!

This astounding difference betw[illegible] the prices of today and those of ti[illegible] gone by is due mainly to the fact t[illegible] toward the middle of the past centu[illegible] antiques were sought out and collec[illegible] for their artistic value alone. C[illegible] noisseurs purchased with the idea [illegible] conserving. There was then no mar[illegible] price, a bibelot was not considered [illegible] an investment, a capital that mi[illegible] serve as a basis for other operati[illegible] of the sort!

To help in making this statem[illegible] clearer, let me recall the anecdote [illegible] a great painter of the Napoleo[illegible] period, Baron Gerard, and his frie[illegible] Isabey. Toward the end of his [illegible] Baron Gerard felt the pinch [illegible] finances, and Isabey at once came [illegible] the rescue by purchasing his can[illegible] "Bélisaire" for three thousand fra[illegible]. He hung it in his studio. A few ye[illegible] later the Dutch Ambassador, a [illegible] ren Mr. Medlar, begged him to [illegible] the painting and offered six thous[illegible] francs for it. Isabey wanted v[illegible] much to keep the picture, of wh[illegible] he had grown extremely fond.

"But I must not deprive Ger[illegible] of such a profit," said he.

The deal was made and Isabey [illegible] mediately rushed to inform Gerard [illegible] his good fortune and bring him [illegible] three thousand extra francs.

To briefly review what we h[illegible] already said, we can safely state t[illegible] the modern infatuation for works [illegible] art dating from the Middle Ages [illegible] the Renaissance had its immed[illegible] origin in the romantic tendencies [illegible] 1830: the then budding archaeol[illegible] was but a younger sister of that lit[illegible] ture. So long as the imagination [illegible] charmed or flattered, was there [illegible] more harm in making false pieces t[illegible] in composing narratives of fant[illegible] adventures? Nevertheless, it w[illegible] seem that this was the starting p[illegible] from which eventually sprang [illegible] flourishing industry of fakes.

OUR HOUSE AND GARDE[illegible]

(*Continued from page 73*)

stone used to imitate stalactites. Behind the wall a space was left for the necessary clothes-line, while at either end it was made to terminate in small pavilions, one used as a loggia tea house, the other a place for garden tools and potting plants. The central feature of the garden scheme was a pool made by scooping out the flower bench of the lowest greenhouse and filling it with water. A high Cyp[illegible] hedge, planted about the pool [illegible] forming a green co[illegible]ile, added in[illegible] est and character. The universal [illegible] ture of all Italian gardens, the Le[illegible] trees in terra-cotta pots, were pl[illegible] at either side of every staircase lea[illegible] from one level to another and at [illegible] corners of every terrace, so as to [illegible] emphasis to the design.

-If a gentleman could swear!

Three days now, and the young chief still absent from his band out there on the lot. Three galling days of listening to his little sister who refers to him (not without scorn) as "mama's little martyr." Three days of wearing a towel about the neck destined for the collar of a conquistador . . . if only a gentleman could swear!

Never neglect a sore throat.

Look upon it as a warning of an oncoming cold or worse, and take immediate steps to check it.

At the first sign of irritation rinse the mouth and gargle with Listerine full strength. Do it several times a day. Many a cold and sometimes that dangerous complication, tonsilitis, could be avoided by this simple precaution if it is taken in time.

Listerine is antiseptic, and the moment it enters the mouth attacks the countless disease-producing bacteria that lodge there waiting till resistance is low to strike.

Never neglect a sore throat



LISTERINE

-the safe antiseptic



There is no substitute for good wood

LUMBER is nature's greatest contribution to the home. Its advantages over other materials for many building purposes are well known. One of the choicest woods that grows in America is Pondosa, pick of the pines. Nature seems to have put her whole heart and soul into its growth. And the fifty great modern mills in the Western Pine Manufacturers Association are careful to see that Pondosa is so seasoned, graded and milled that it will best serve every purpose for which it is used.

Pondosa Pine holds its shape. It resists time and weather. The satiny finish lasts. It is light, yet strong. Carpenters like to work with it. It is most adaptable, very plentiful, truly economical. Trade-marked Pondosa Pine is available at good lumber yards everywhere. Make sure that it is freely used in your home. Let your Pondosa dealer help you right now with suggestions about your woodwork. Dept. 10, Western Pine Manufacturers Association of Portland, Oregon.

Answers to questions everyone asks

The new Pondosa Booklet will include the answers to hundreds of questions asked in the recent Pondosa Prize Contest. It is a valuable handbook for everyone who builds or who works with lumber. Read it to build a better home. File your request with us for a copy when it comes off the press.

Pondosa Pine

The Trade-mark Pine



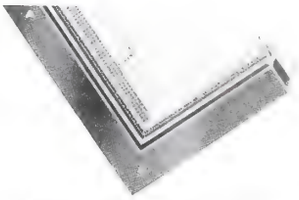
[illegible] Mrs. F. K. H[illegible], at Scarsdale, New York. [illegible] the architect, [illegible] the [illegible] [illegible] [illegible]

At right, a portion of [illegible] residence of [illegible] Wyoming Creek Farms, Bloomfield Ohio. Stanley Matthews and C. W. Short, Jr., architects, Cincinnati, Ohio.

Below, a view of the [illegible] the terrace.



Why not your home too . . *screened the Higgin Way?*



A Narrow all metal frames [illegible] strength and durability [illegible] not eat off light.

B Bronze wire mesh [illegible] sion.

C Splines forced into frame [illegible] cloth taut permanently. Removable in case cloth is damaged and requires replacement.

D Frames enameled inside [illegible] as out to prevent rust.

E Corners, set with driving fit over inside corner angles, remain rigid.

THE Higgin Way has been [illegible] by thousands upon thousands of discriminating home owners. It means screens that do more than merely keep out insects. It also means screens that afford an abundance of light and air and an unhampered view, the result of their trim, narrow, yet strong, metal frames and almost invisible bronze mesh. Screens that are inconspicuous, because their color and design [illegible] trim or interior decorations. Screens that are easy to operate, [illegible] perfect fit. Screens that are built for a lifetime of satisfaction and service.

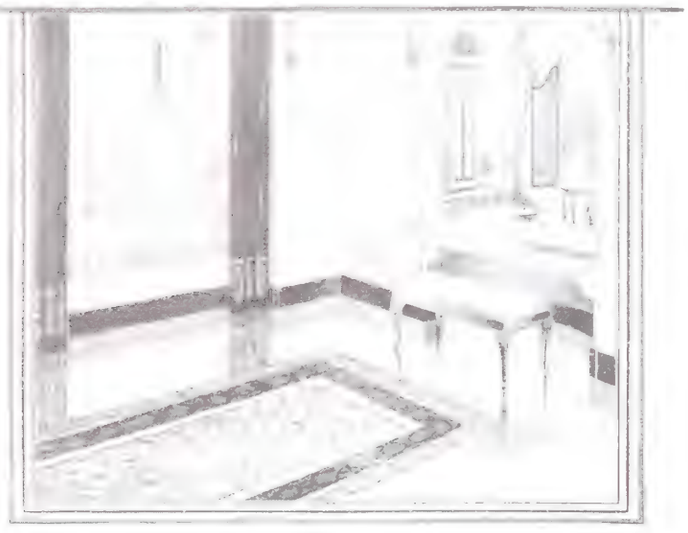
Get a flying start and avoid the Spring rush. See the Higgin expert near you *now*. His screening suggestions and estimate of cost for your requirements are free, and imply no obligation. Also be sure to return the coupon for booklet, "Your Home Screened the Higgin Way." The Higgin Mfg. Co., General Offices, [illegible] Branches: Kansas City, Mo.; Toronto, Ontario, Can.

HIGGIN
ALL METAL
Window Screens





THAT ASTONISHING NEW WALL MATERIAL



A Beautiful Bathroom made from melted rock

HERE is a new—really new—material for bathroom walls, ceiling and wainscoting. Just the thing, too, for a delightful modern kitchen.

No longer are you limited to conventional, commonplace effects. For Sani Onyx opens wide a world of charming decorative effects. New surface textures; new colors and color combinations.

And Sani Onyx, fused from rock ingredients, is 40 per cent. harder than marble. It doesn't crack, chip, check or discolor, even after *years* of service. And there's never a penny to pay for repairs or redecoration.

May We Send It?

folio, showing Sani Onyx bathrooms.

Write today.



MARIETTA MANUFACTURING COMPANY

Beautiful SANI ONYX AVITREOUS MARBLE

THE ARBORETUM IN AMERICA

(Continued from page 135)

"The Arboretum's value to nurserymen is incalculable. Its service is three-fold. [illegible] of the very best new plant material [illegible] standards at which the correct names [illegible] demonstration station which every nurseryman should visit if he is to keep in the van of horticultural progress."

I may add that these remarks are equally applicable to all persons interested in horticulture.

For its area and wealth the United States is weakest in arboreta of any civilized land, but it can boast one [illegible] University.

The Arnold Arboretum owes its [illegible] B. Emerson, to the munificence of [illegible] Arnold, [illegible] of New Bedford, Massachusetts, and to the energy, zeal and wisdom of Professor C. S. Sargent. These three wise men have passed on, but behind them they have left a monument more endearing than any of bronze or stone. Arnold, when he died in 1869, left about $400,000 to the President and Fellows of Harvard College for the endowment of an arboretum, [illegible] to grow every tree and shrub able to withstand the open air climate of New England. For this purpose Harvard College [illegible] of land situated in Jamaica Plain, near the present Forest Hills terminus of the Boston Elevated Railway, and within five miles of the State House. The original site has grown to over 260 acres. By fortunate coincidence Frederick Law Olmsted, [illegible] was engaged in planning a park system for the city of Boston and later an arrangement was entered into whereby the roadways of the newly founded arboretum became part of the Boston Park System. In November 1873 Charles Sprague Sargent was appointed Director and Jackson T. Dawson became Superintendent. These men were architect and builder of the [illegible] and it is solely the result of their devotion, energy and skill.

At the outset Professor Sargent was familiar with the pathetic history of arboreta. So deeply was this impressed upon his mind that he was not prepared to risk the future of the Arnold Arboretum solely in the hands of Harvard College. After much labor he managed to get Harvard College and the city of Boston jointly to make certain sacrifices of mutual advantage and to sign a contract of agreement [illegible] for its renewal for a further period of a thousand years and so on forever. This is the wisest and most far-seeing contract of its kind ever drawn in the history of gardens. It insures the permanency of the Arnold Arboretum [illegible] for a thousand years and in all probability [illegible] taxes, [illegible] to the public throughout the year, it insures a continuity of policy and makes possible the growing of trees that take [illegible] to maturity. As showing still further how much he believed in the Arboretum's future Professor Sargent at his death [illegible] provided for one hundred years before any be [illegible] and enjoying for fifty-four years the guidance of one man, the Arboretum has little to fear so far as permanence of existence is concerned.

I am sometimes asked what arboreta, [illegible] Arnold Arboretum, [illegible] gardens. The question is pertinent and one that I always welcome, for it is easy to [illegible] plants in American gardens are Thunberg's Barberry and the fragrant [illegible] *lata*. Both were gifts of the Arnold Arboretum to America. Sometimes the questioner counters, "Yes, those are shrubs, but I meant flowers." Without pointing out that trees and shrubs are its field of endeavor or that the popular phrase of "flowers and shrubs" is ridiculous I counter, "Have you heard of the Regal Lily?"—another Arnold Arboretum gift to gardens.

SOME FIFTY YEARS

Some fifty years ago when the Arboretum was founded only a comparatively small number of the plants now growing in its grounds had been cultivated or even discovered. Nurseries were few and any would-be garden maker had to rely principally upon Europe to supply even native American plants. Fifty years ago it was almost impossible to purchase in America native Oaks or Conifers. A type of Douglas Fir, that would withstand the New England climate, was unknown; so, too, was the lovely Carolina Hemlock. The last half century has seen great activity in the introduction of new trees and shrubs and in the creation of new forms by the art of the plant breeder. In this work the Arboretum has played a prominent part. Plants are very much like people. Not all adapt and acclimatize themselves readily. Experience has taught that the deciduous trees and shrubs of northeastern Asia, of the Caucasus region and of central Europe on the whole thrive well in eastern North America, whereas those of west

(Continued on page 138)

America is still too young to know how long CYPRESS can endure

[OU SES [illegible] Tidewater Red Cypress Co[illegible] i. The new country [illegible] tiger, are each [illegible] lumber can endure.

[illegible] Tidewater Red Cypress Colonists used are available for your home. Just his Wood Eternal avoided repairs for them, it save upkeep [illegible] for you. Whether you alter, this lumber will cut down the cost of ntaining your home.

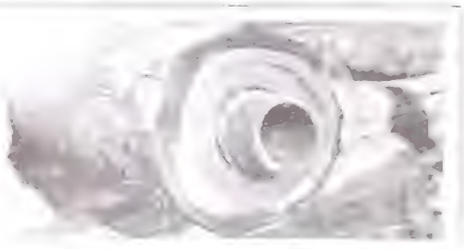
hitects advise you to use Tidewater Red Cypress he points where rot and decay enter most easily. ese experts specify it for siding, shingles, porches, ws, doors, screens, and wherever [illegible] cks your house, garage and outbuildings.

dewater Red Cypress lends greater beauty to your me, for it offers a paint surface that seems smoother as



This attractive home [illegible] was built to last as long as [illegible] Cypress was used [illegible]





"Master Suited for Builders" — [illegible]

[illegible] for Builders", are numerous pictures [illegible] to the very latest modern residences.

[illegible] original manner.

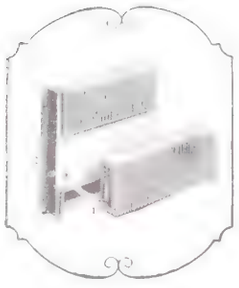
olished marble. It is so easy to work [illegible] onstruction and cuts down the cost of [illegible].

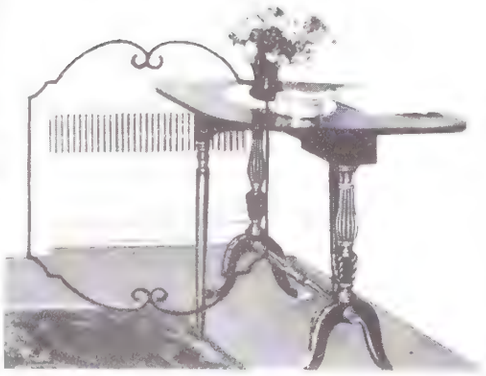
hen you order this lumber — as you certainly ill, knowing its merits—be sure to specify "heart ade Tidewater Red Cypress", for there are other

Specify TIDEWATER RED CYPRESS

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HERMAN NELSON *Invisible* RADIATOR

THE ARBORETUM IN AMERICA

(Continued from page 136)

North America, the British Isles and the temperate regions of the Himalayas or of the Southern Hemisphere, grow indifferently or refuse absolutely to live.

An arboretum or an established home for woody plants is ever an inducement to travelers interested in gardens to collect and send to it seeds and living specimens. Immediately after its founding the Arnold Arboretum began to get into correspondence with botanists, explorers, travelers, botanical collectors and others for the purpose of procuring plant material. The task of sending to the Arboretum collections of living plants has necessarily involved much travel. Every temperate region of the Northern Hemisphere has been explored by one or other of the staff, as also have the tropics of both hemispheres, Chile, South Africa and Australia.

Naturally the mountains, valleys and plains of North America have contributed largest of their flora to the collections of the Arboretum and many rare and beautiful trees and shrubs from North America, the Orient and other parts of the world have been discovered by the Arboretum explorers. One of the principal aims of the Arboretum's activities is the introduction into North America of Oriental trees and shrubs which are hardy in the climate of the Northern States. The first important introduction from the Orient was in 1876 when William S. Clark, who had left the presidency of the Massachusetts Agriculture College to establish a similar college at Sapporo in Japan, sent a small collection of plants collected in the Arboretum. From these were first raised in America the beautiful Tree Lilac (*Syringa japonica*), the noble Cut-leaf Horse-chestnut (*Aesculus turbinata*), largest of Oriental deciduous-leafed trees, the valuable climbing, the indispensable Evergreen Bittersweet (*Celastrus orbiculatus*) and other interesting plants. From that date an almost constant stream of plants has flowed into the Arboretum from the Orient to the great enrichment of American gardens.

And the end is not yet. Mention has been made of the familiar Thunberg's Barberry and *Clematis paniculata*. To enumerate all the plants introduced through the Arnold Arboretum would take many pages of close print. Let the following more suffice to give an idea of the treasures it has brought to garden:

Abies concolor—Colorado Fir; *Azalea japonica*—Japanese Azalea, *Azalea Kaempferi*—Kaempferi Azalea, *Berberis Thunbergii*—Japanese Barberry, *Clematis paniculata*—Autumn Clematis, *Cotoneaster horizontalis*—Rock Cotoneaster, *Euonymus alatus acuta*—Evergreen Bittersweet, *Forsythia intermedia spectabilis*—Showy Forsythia, *Juniperus chinensis Sargentii*—Sargent Juniper, *Kolkwitzia amabilis*—Beautybush, *Lonicera Morrowii*—Morrow's Honeysuckle, *Lonicera nitida*—Box Honeysuckle, *Picea glauca conica*—Dwarf Alberta Spruce; *Prunus serrulata sachalinensis*—Sargent Cherry, *Pyrus Calleryana*—Calley Pear, *Rosa Hugonis*—Father Hugh's Rose, *Rosa spaldingii alba plena*—Hardy Cherokee Rose, *Tsuga canadensis*—Canadian Hemlock; Kurume Azaleas; Regal Lily.

Few Americans think nationally when their plantations are concerned. The viewpoint is too often parochial, too seldom do we see beyond city or State. There are many institutions of national importance in these United States and not a few of international repute. The Arnold Arboretum of Harvard University is one such. Since its inception it has labored for the common good of horticulture in advancing the knowledge of woody plants and its work is known wherever trees and shrubs are loved and grown.

COLLECTOR CONSIDERS MINTON

(Continued from page 134)

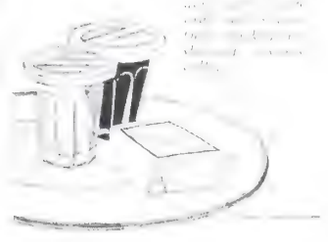
tors would do well to remember, although examples of Solon's work of this period are undoubtedly scarce.

Having attained success in Paris, the Franco-Prussian war had deprived him of his position at Sèvres, and it was then that he went to England and continued his career under the ægis of Minton's Stoke-on-Trent factory. That likeness yet distinct difference in his art occurs more particularly in its relation to the jasper ware of Wedgwood. Yet if a similarity exists by reason of the subjects and style, there is in the work of Solon, the perfect and individual work of the artist, compared to the mechanical multiplication of a modeler's work, which was the method used by Wedgwood.

In other words, while with the latter the original design of the sculptor could be reproduced almost *ad infinitum*, the figures and motifs of Solon's pieces are actually many layers of diluted clay, each painted on with a brush until the required thickness was obtained. This, however, by no means indicates the patient skill of the *pâte-sur-pâte* artist; for even when he has applied sufficient clay, he has but a somewhat crude shape, which he then proceeds to smooth and carve to the correct proportions.

Similarly, with the form of decoration known as gold incrustation, Minton was the first porcelain with which gilded designs were effected in this manner. Although giving the most attractive results, the system is comparatively simple. The desired pattern is printed on the porcelain body and painted with what is known as a "resist." This is later gilded and burnished, giving those soft contours which are found with this type of ornamentation on porcelain. The high cost of gold and the many synthetic substitutes notwithstanding, Minton, like other important English porcelain factories, has continued the observance of tradition by using gold leaf today. Thus the works of the present day artists will rank with those magnificent pieces which perpetuate the art of earlier china decorators.

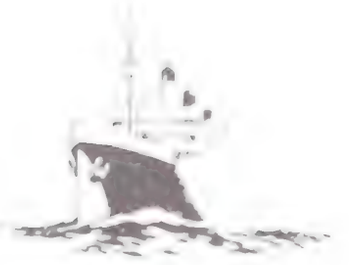
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Epicure Epicures the Epicure

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THE palace suddenly was silent. The Sultan was whispering. His favorite started, her hands trembled, her eyes popped; for he said: "Take one cup Welch's Grape Juice. Six tablespoons Martini & Rossi Vermouth (Italian or Extra Dry). Half cup water. Two tablespoons sugar, juice large orange. Dissolve sugar in water. Cut three thin slices orange; garnish glasses. Rest of orange squeeze and strain. Add Vermouth and Grape Juice. Mix. Chill on ice. Pour into glasses."

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The Oriental Confection



Just the thing to whet the appetite. Keep some ... meats and do not like to ... weight.

The ... are very attractive; delft-blue, flowered porcelain from Chinese kilns; 5 inches in height, contains 2½ lbs. of ginger in syrup.



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ALL

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[illegible]

Dept. G, Columbus, Ohio

Gentlemen: Please send me the complete story about the LAMNECK LAUNDRY DRYER.

[illegible]

WINTER NOTES FOR GARDENERS

[illegible]

[illegible] within them and [illegible] long [illegible] through.

The tall double-flowered Kerria [illegible] disciplined and spready for strictly conrigorously cut out every season after [illegible] in check the bushes become congested and unkempt in appearance. In May the long wands glow with a multi- making the bushes appear entrancingly gay and one feels at this season greedy for as many as may be found [illegible] their use to the less conspicuous regions and to plant the more seemly places. This is a graceful spreading slender arching branches are threaded in May with large bright yellow blossoms, not unlike Buttercups. Far too seldom is this really lovely Jap- [illegible] for a moist situation, though they will [illegible] faces to the east. They divide easily, shoots to give away to admirers. Colgreen shoots might lighten the burden of our impatience in February and March.

FEBRUARY BLOSSOMS—In the neigh- [illegible] one bulb and one bush may be almost certainly counted upon to flower in the garden during February. Unless there is no softened moment at all throughout the month Snowdrops make their appearance, often through snow and ice, and the brown branches [illegible] Witch-hazel, become sprigged all over with little bunches of golden floss set in red calyces. *H. japonica* blooms at about the same time. These Witch-hazels in summer would perhaps make little impression amidst the gay plenty of that season, but in mid-winter when the ground is white and the sun full upon them the brightly sprigged branches warm the heart indescribably. To be seen at their best they should not be crowded among other shrubs, but allowed to stand free so that their gold offering may be fully displayed at the season when it is so thankfully received. I would part with a dozen or so Weigelas, Deutzias and the like rather than sacrifice my two winter-flowering Witch-hazels.

Hamamelis vernalis, not long since discovered growing along streams in Missouri and Arkansas and scheduled to bloom in January, is erratic in its behavior here. Only a cold and forbidding autumn holds its impetuosity in check until January. Prolonged Indian Summer never fails to bring out its bunches of corn-colored threads, often before its leaves have fallen. It is much less effective than the Asiatic species, and as I have seen it in my own garden, inferior [illegible] *H. [illegible]*.

[illegible] Early March—Only [illegible] the Winter, or Naked Jasmine, *Jasminum nudiflorum* flashes its yellow stars in February, but it is usually early March in the neighborhood of New York before this precious scrambler is fully illuminated. Now and again its display is blighted because of too many lightning changes from mildness to bitter cold, but most seasons it is to be counted upon; and whether trained to a trellis, allowed to scramble at will over a bank, or kept cut back in the form of a little shrub its early flowering on green naked stems is a delight. Tuck in close beside it a generous handful of *Crocus imperati* or *C. sieberi* and another of [illegible] is doubled.

[illegible] of *Leucothoe catesbyi* turns a fine warm color with the coming of winter. If your stock of this handsome native shrub is plentiful the branches may be used for cutting all winter and when arranged with a branch or two of Bittersweet or a few flowers from the florist they are very effective. In the garden the rich tones of [illegible] grateful to the eye and there is the added interest of the lively looking buds that stud the branches and carry promise of drooping racemes of fragrant, creamy blossoms. These shrubs which are effective to the fore in grouping of Laurels, Rhododendrons and the like and enjoy the same conditions, grow more thriftily when in shade, but the leaves color more richly when the sun strikes them. The Holly-like leaves of *Mahonia aquifolium*, commonly known as Oregon Grape or Hollygrape, also assume a rich bronze-red hue in winter, making the compact bushes (about four feet) a distinct asset in the winter garden. In very bitter seasons the leaves may turn brown and fall before spring but in any case there is a long time when it is good to look at in the garden and for cutting as well. Early in spring erect racemes of fragrant yellow flowers appear and the bushes again become candidates for our appreciation. These plants appreciate shade or partial shade and good soil.

GLOWING STEMS—There is no reason for planting the red-stemmed Dogwood, *Cornus alba*, save for the brilliant color of its stems in winter. These are its sole fortune. It is a grasping shrub quickly crowding out its betters when associated in shrubberies with other species, and having no marked beauty of leaf or blossom to justify it. But put a bush or two in an unwanted corner and in the fall cut back the branches sharply; then, soon after the turn of the year you will be amazed at the fiery hue of the stiff stems against the snow. In summer these stems are a dull brownish-red. On large estates plantations of *Cornus alba* at the edge of woodland or along the banks of streams or ponds would be worth walking forth to see on a brisk winter day.

[illegible] page 142

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The World's Most Beautiful China

terns for their beauty, individuality and quality.

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The HELENA PATTERN
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Buy a Carton [illegible] A.P.W. Satin Tissue at your dealer's now or send the coupon and your check or bills to us. We'll send the carton you prefer, plain wrapped, postpaid. [illegible] Simply mail the coupon now.

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[illegible] sheets, in rolls, $2.00
[illegible] sheets, in rolls, $1.00
[illegible] Flat, Extra Large Size, $1.45

Name .....

My Name and Address .....

TOWN BETTERMENT

(Continued from page 122)

sections. This would include 90% of the cities with a population of 100,000, over 75% of those having from 25,000 to 50,000 and 20% of those between 10,000 and 25,000. Thus it has been proven that American cities have found the city plan far superior to the former Topsy fashion of "just growed" and one whose cost is negligible compared to the advantages which are bound to follow.

In comprehensive city planning is included the improvement of the street system to the mutual advantage of the citizens and the commercial life of the city. The zoning ordinance not only aids the citizen in selecting and developing land for residence, business or recreational purposes by showing the relation of the various districts, but acts as a protection to public health, convenience and safety, and protects the investor from unexpected and unwelcome encroachment in the vicinity of his property.

Parks, playgrounds and open spaces are provided for through the comprehensive city plan, which not only advocates the development of present acquisitions in land, the purchasing of additional sites for immediate development, but evolves a plan which looks forward to the requirements of years hence, with a view to a well conceived park system.

In order to carry out a plan conservatively there is required a period of years [illegible] to have a complete city plan commission, with technical assistance in preparing the plan and [illegible] It is also necessary that public hearings be held at which citizens or property owners may be heard during the building of the original plan and during [illegible] The work must be carried on in close coöperation with the officials of the city departments whose work it is, and with whom the commission must confer on all matters of appropriation, [illegible] approval of plans as outlined.

In the event of there being neighboring communities organized in similar development it is essential that the [illegible] work in harmony in order to develop a plan which will prove to be beneficial to the region as a whole.

Approval of a city plan by the majority of the citizens is assured when it is carried forward in a convincing and practical manner. One project accomplished and brought to the attention of the public is worth many hours of conversation about future plans, and a year's program fulfilled is a paved highway toward future accomplishment.

The following national organizations will furnish literature on town betterment or city planning:

American Civic Association, Union Trust Building, Washington, D. C.

Department of Commerce, Division of Housing and Building, Washington, D. C.

National Chamber of Commerce, Department of Civic Development, Washington, D. C.

National Conference on Outdoor Recreation, New Building, Washington, D. C.

National Conference on State Parks, Washington, D. C.

United States Department of Agriculture, Washington, D. C.

Bulletin [illegible] for Highway Planning.

American Society of Landscape Architects, 126 Newbury Street, Boston, Massachusetts.

National Municipal League, 261 Broadway, New York, N. Y.

Zoning Committee, City of New York, 233 Broadway, New York, N. Y.

National Conference on City Planning, 130 East 22nd Street, New York, N. Y.

Good books on the subject are:

Manual of Information on City Planning and Zoning—Kimball, Harvard University Press.

Planning of the Modern City—Lewis, John Wiley & Sons, New York.

Municipal Index, [illegible] published by the American City Magazine, 443 Fourth Ave., New York.

National Conference on City Planning Proceedings, 130 East 22nd Street, New York.

Land Planning in the United States for City, State and Nation—Hubert Jones, The Macmillan Co., New York.

New Towns for Old—John Nolen, Marshall Jones Co., Boston, Mass.

HESTER SCOTT

WINTER NOTES FOR GARDENERS

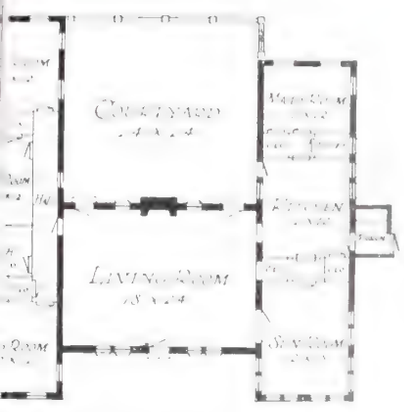
(Continued from page 140)

For Wall or Rock Gardens.—Planted in the hollow of a large stone the Cobweb Houseleek (*Sempervivum arachnoideum*) makes a point of interest all through the winter in the rock garden, its web-covered rosettes seeming to turn grayer with the coming of cold weather and to huddle together for warmth. It requires scarcely any soil and loves a place in sunshine. At the base of its stone, to make a picture with it, might be planted the early Crocuses, *sieberi* and *imperati*, a few Snowdrops and Winter Aconites, and Scillas.

For White Birch.—Beautiful in the winter landscape. I never look at mine that I do not leap in spirit toward the April days when about the slender pale trunks clumps of Daffodils will spring into being. The White Birch, though found in such wild surroundings, is a true garden tree, seeming to love the orderly ways and decorous surroundings. All its seasons are lovely, especially that when it is clothed in delicate amber leaves through which its white trunk gleams.

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requirement. Be sure to see our complete book of play houses for children. Hodgson garages, dog

HODGSON *Houses*

A Million Dollar Home

JUST suppose you could build such a million dollar home? Something like the Main Library Building, at Pasadena, California, illustrated, which cost over a million.



You'd not construct beautiful lawns, with the *expectation* of tearing them up, because of root growth clogging and unsanitary

Cast Iron Soil Pipe was used for all waste and vent lines, roof lines, house drains and house sewers in this Library Home. Why accept vitrified clay when

PERMANENT PIPE

The CAST IRON SOIL PIPE ASSOCIATION



Banish *the*

Garbage Can Nuisance forever

OTHERWISE [illegible] new home? Certainly you don't want to make the [illegible] own back yard!

Why tolerate [illegible] health menace [illegible] garbage can? Get [illegible] never new effect of [illegible]

Install a Kernerator! Our [illegible] architect [illegible] and recommend it. But remember, it must be in the [illegible] be installed later.

Garbage, trash and rubbish of all kinds are dropped through the handy hopper door in or near the kitchen, and fall to the brick combustion chamber, connecting with your regular chimney in the basement. A match lights the air-dried accumulation, and it burns to fine ashes. Tin cans, bottles and other non-combustibles are flame-sterilized. The first moderate investment is the last; there is no operating cost.

The Kernerator [illegible] the [illegible] the [illegible] to 20 pounds [illegible] the [illegible] Home Owner.

Residence models as low as $[illegible] and [illegible] masonry adds but little more when regular chimney is used.



Consult [illegible] about [illegible] Kernerator. Or write for booklet, "The Sanitary Elimination of Garbage and Waste Of Ways."

KERNER INCINERATOR COMPANY

[illegible]

KERNERATOR

THE CHIMNEY-FED INCINERATOR

Garbage and Waste Disposal without Leaving the Kitchen

AMERICAN BRED PLANTS

(*Continued from page 74*)

which [illegible] as a result of the Federal Plant Quarantine [illegible] fear that American gardens would have to [illegible] without any new varieties, and American Horticulture be doomed to [illegible] intellectual paralysis. At the present writing we have very [illegible] not quite as much to contribute to Europe as Europe has to contribute to us. Of course, every real [illegible] a true Internationalist and must protest at the raising of any barriers which would prevent the desirable new things of either continent being shared by the other. Nevertheless, American bred plants will be particularly well suited to American conditions. In this respect, if in no other, they will be superior to many of those things which we have attempted, with only partial success, to transplant from the other side.

[illegible]

I [illegible] to make any [illegible] against the Quarantine [illegible] as they have any effect either one way or the other [illegible] [illegible] and [illegible] [illegible] will [illegible] [illegible] [illegible]



All in one material...*beauty...durability... economy...safety...insulation*

THE home you have always wanted .... the home that passers-by stop and admire .... the home that neighbors welcome .... roofed and walled with Edgwood red cedar shingles .... substantial, beautiful, economical.

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5 ESSENTIALS of GOOD BUILDING

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lation qualities than any other exterior building material



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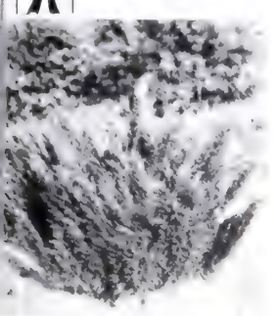
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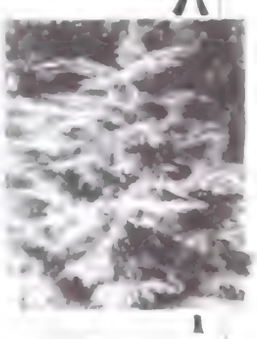
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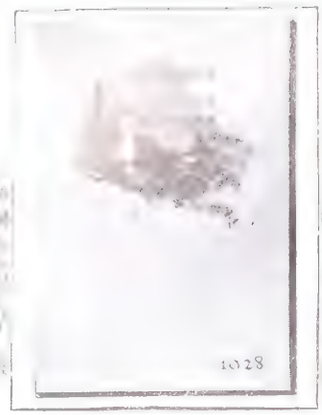




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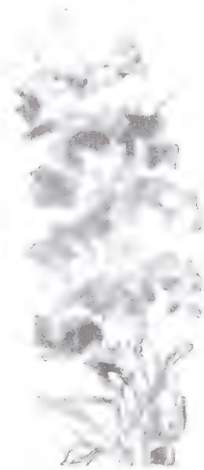


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MAX SCHLING SEEDSMEN, INC.



Such plants a increased b taking off t small buds th grow from t old flowe stalks

THE POPULARITY OF CACTU

(Continued from page 100)

ter an hour over a superb specimen. The grower refused to lower his price, curtly, too, in despair at not being able to possess this particular Old Man, and to the gaiety of a friend present at the interview, I seriously asked of the dealer if he didn't have a "darb" young Old Man." My garden will Old Mans!

Other Cacti are covered with such a coat of fine spines that they mimic a bow of pink plush in texture. Many of these heap themselves up in a mass and grow in tubular fashion upon themselves, piled up sausages, no two alike.

Each adaptation seems too amazing to be true, remember that we seek even for and know the humble objects we know best, and to which nearly all Succulents, more or less, bear a striking resemblance, as evidenced by some of their common names: Elephant's Ears, Bunny Ears, Fishhooks, Organ-pipes, Snake, Hen-and-chickens and our Old Man, which is even better emphasized by his Latin name, *senilis*.

Another large class, easily identified, has pear-shaped, teat-like protuberances along their ridges and these are, in turn, called Mamillaria.

Among Mesembryanthemums and Euphorbias the odd forms are, if possible, more pronounced and varied. One native Californian is spangled with glittering crystals, and there are wolf mouths, Medusa caps, Lamparde Dios and Candles of the Virgin.

Indians, Mexicans and Americans have all contributed picturesque and descriptive appellations, and from the Latin come such adjectives as horrens, tortuosus and pyramidalis.

I have spoken thus far only of normal plant formations which vary with individuals according to locality, moisture or the lack of it, and to wind or sunshine.

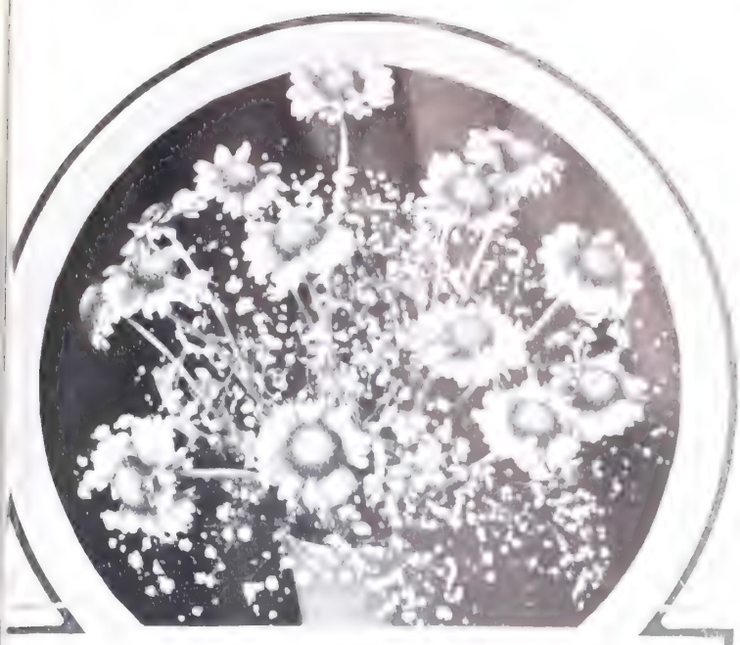
We come now to "crests" or abnormal growths, so valued and sought for. These are attributable to accidents, or injury of some sort, which produces a tortured massive freak quite unlike the parent plant. The crests can be left and the whole parent coaxed into a large crested formation, or they can be detached and rooted and made to become an entity, but as they grow they revert, unless constantly watched, and if a normal-looking leaf or shoot appears it should be immediately amputated. They mature slowly, but with the years one's crests increase in bulk and beauty, and in value to those of us whom the trade call Succulent fans.

A large minority of Succulents c

(Continued on page 148)



In this blue pot is a group of Echeverias. The plants are silver-gray, olive-green, corn and green tipped with red, and the blossoms are a coral pink. All of these are suitable for window gardens in the North



Gypsophila "Bristol" Fairy

A lovely, snow white Baby's Breath [illegible] with veil-like mist, the bold color [illegible] perennials. The flowers are double, produced all [illegible] are perfectly hardy.

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THE POPULARITY OF CAC

(Continued from page 146)

be trained into shape and espaliered, and I recommend as a cool climate house plant (although semi-deciduous) that Euphorbia known as Our Lord's Crown of Thorns. It grows happily from a pot cutting, lithe, upright, fan-shaped frame, and fairly rapidly if one cuts away the superfluous front branches.

In connection with pot-plants, Succulent window gardening may be practiced with success in a city during the winter months if the plants are moved out-of-doors in spring into sun and sunshine, and kept covered from rain. One could have duplicates so the window is always dressed.

For these Phoebus-loving, sun-soaked children, choose a southern exposure, place a six or eight-inch shelf along the inside window-sill for large plants, and narrow clear glass shelves, two and a half to three inches wide across the window panes. Tiny colored glazed pots, planted with minute specimens, can be ranged along with charming and diverting effect, and if the outlook is an ugly yard or wall the pots could be opaque.

Give enough light and little water and one's plants should thrive. To add a gay note, if the pots are sober in color, a few brilliant bits of early American or Mexican glass can be interspaced.

There is a certain stocky solidity about Cacti and such, that instinctively makes one avoid fragile glass or pottery, or anything straggling loosely like Ivy or Periwinkle, in connection with them, add rather Saxifrage and Sedum as delightful compact trailers.

Do not fear the care of Succulent to excess, send them your love and you will be rewarded by healthy plants, unexpected blooms and the admiring exclamations of friends.

How much cold these plants will stand has not been determined—a certain amount of frost, certainly, and even snow. Some of those indigenous to high uplands, I have seen when camping, growing beside my sleeping bag when in the morning I have put out my hand for a cup of water, left over night, and found only ice. Certain species can be habituated gradually to moisture, and possibly they could be taught, in like manner, to resist extreme cold.

To encourage this culture, I should like to cite, as an example of what can be done, a New Jersey amateur who owns over two hundred different kinds of Agaves, not under glass, but in the open in summer and housed on a warm veranda during the most rigorous winter months.

As in all things, so in gardening, there is no better or best; and among Succulents no hard-and-fast rule is applicable, except perhaps that of sunshine and dryness.

To those with imagination who are tempted, and who do try their hand at this sporting gardening à la mode, they will find romance and adventure abounding in these strange creatures that come to us from the remote places of the earth. It is a dull person who is not stirred by thoughts of Africa, the Canaries, Chile, Peru, Central America, Mexico and our own vast deserts—Colorado, Mojave and Arizona.

These little people arrive bare-rooted, prickly-sided, thrust into boxes among foreign newspapers, but very much alive (unless killed by over-zealous plant quarantine officials) and directly they are bedded out, nestle comfortably into place and grow contentedly side by side with African or Chilean cousins, asking only to be adopted and cherished as our children.

HARDWOOD FLOORS

(Continued from page 150)

scolding, cover the aperture at the bottom of the wall.

It is a foregone conclusion that with all the care necessary in the handling of hardwood floors before and while laying, it is of equal importance that they be kept in good condition after having been laid. A few paragraphs on the care of floors therefore, may not be amiss.

Before giving the floor the desired wax or varnish finish, a good brand of paste filler is used to fill pores and crevices. The filler may be thinned by the addition of turpentine, benzine or gasoline. After the gloss has left, the surplus is rubbed off with a cloth, across the grain of the wood. This filler is allowed to "set" for about twelve hours, and then the finish is applied.

If the floor is to be waxed, two coats of pure white shellac should be applied, with sufficient time given between coats for drying. If the finish is to be varnish, one to two coats of a good brand of floor varnish is to be applied, after the filler has been used, instead of shellac. An acid, spirit, or water stain should be used when a dark finish in an oak floor is desired. One of the advantages of an oak floor is its susceptibility to the use of almost any finish color.

In cleaning soiled floors it is best to use the warm suds of a mild soap in moderation, but the floors should not be wet more than is absolutely necessary. A good mop is desirable. Lye, oil or kerosene should not be used in cleaning floors, nor strong soaps, alkalis or cleaning powders except in extreme cases, as they injure the surface. No oil will darken the surface, and while gasoline is effective on a wax finish, it is always a dangerous cleaning fluid to use.

If the varnish on a floor is scaled off, re-varnish after removing the finish by scrubbing the spot to be refinished, before applying the varnish. Before re-waxing a floor, it should be dusted, then scrubbed thoroughly with a cloth and turpentine.

Of a Sudden

you find yourself humming some forgotten song. One you particularly used to like. An hour this by Archimedes



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AMERICAN BRED PLANTS

(Continued from page 144)

But in American seedsmen and breeders have won their spurs in the ...ecent and more or less spectacular fill of new introductions, that is not the only important work they have accomplished. During the past decade or two, another sort of work has been carried on which is of equally vital interest to the average amateur gardener, but concerning which little has been said and even less has yet been written.

I refer to the tremendous improvement which has been made in the standard varieties of both flowers and vegetables by establishing what may be called, without exaggeration, super-strains of pure-bred stocks which, while not strictly new varieties, often represent just as great or even greater improvements over the old forms, as a new variety is likely to show.

It is quite true that there are many "superior strains" and "special stocks," ... which are produced by selection at the desk of the copy writer. But the really improved strains to which I refer are the results of what is known as "straight line breeding"—... which start from a single plant, or even from the ... of a single ...

Let us suppose, for instance, that we ... Burpee's Buff, which is very satisfactory as it is. Nevertheless, as ... plants there is likely to be a considerable variation among the individ... By ... from the most desirable of these plants, keeping each lot separate, possibly again making a ... tion to get the one most desirable ... working up a new stock of seed from that one plant, through several generations of careful selection to fix the type, a really superior special strain may eventually be evolved or, after years of painstaking work, the whole thing may have to be discarded because the descendants of the super-plant absolutely refuse to stay put!

In the catalog of the leading American seedsmen and nurserymen may be found ample proof of the position which American-bred plants now occupy. There are still, to be sure, many fine things from the other side—as, it is to be hoped, there always will be. But importations no longer hold the monopoly in the novelty field. I shall attempt to mention briefly a few of the outstanding newer things of recent years; for fuller descriptions, you will have to refer to your catalogs.

The annuals, which for a long time were more or less neglected, have of late been given considerable attention by the California growers. Among Asters, the American Beauty type, developed not so long ago, has been followed by the still more recent California Giants. These are of the Crego or narrow, somewhat twisted petaled type, but much finer and heavier than anything previously achieved, the substantial flowers being ... over five inches across. Several distinct colors are available. Personally, I have a great liking for the Single or Anemone-flowered Asters. These have also been greatly improved of late and they are among the most satisfactory of all flowers to grow for cutting and for use in vases.

Our old friend the Snapdragon (Antirrhinum) has continued to improve under careful breeding until the Giant flowered type of yesterday has ... left behind and we now have the Supergiant (*maior-maximus*). As ... snapdragons are now to be had in the Dwarf or bedding type; the Half-Dwarf, which grows about eighteen inches high; and the tall or Giant type, attaining a height of three feet or so, they may be utilized under almost any conditions likely to be encountered. Many wonderful new shades of these flowers have also been developed during the past few years.

One of the really important achievements among Annuals is that of the ... dwarf, free-flowering type of Cosmos that will bloom even in the fairly northern states if started indoors in the open. Planted as late as the first of May, they will be in full bloom by August. There is also a comparatively new type of double late Cosmos.

The annual Larkspurs have enjoyed a tremendous popularity of recent ..., probably partly due to the vogue for the perennial Larkspurs but also a result of the fine new named varieties of the annuals such as Exquisite, a clear rose pink; Newport Pink, and Sky Blue.

The Petunia also enjoys a new popularity. Some years ago, the Ballconv type, brought over from Europe ... proved available for general use because of its regular, compact habit and ... of bloom. New colors have ... added to the type. Dreer has put out some wonderful ruffled Petunias, particularly Pride of Portsmouth. White Beauty is another excellent one. In Burpee's Blue, we have, for the first time, a really blue shade in this useful flower.

SHIRLEY POPPY

The always popular Poppy has not ... been overlooked in the general advance. The Shirley type has been greatly improved, and some of the named sorts, such as Shirley Wild Rose, are exquisite. The Double Shirleys are beautiful because they are not too double, a fault of many of the other summer annuals.

Even the Sweet Pea, which has given us one new type after another until we might reasonably demand nothing more of her, has presented us with a new ruffled type, in the variety Fluffy Ruffles. Its great advantage is that a comparatively few stems will make a very substantial bouquet.

Among the modest bedding or edging annuals there have been marked improvements in Ageratum, Lobelia, Portulacas, and annual Phlox. The new Ageratum, Blue Ball, which grows only about eight inches tall, is the most uniform and free flowering y...

(Continued on page 152)



The Newer Shades in Roses

In 3 Coral, Old Gold, Saffron, Yellow, Saffron and Terra Cotta are formed by planting Peronet Roses. These roses are only satisfied when the earliest and which they [illegible] the best upon.

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Pergolas *Colonial Entrances* *Koll*
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AMERICAN BRED PLANTS

(Continued from page 150)

[illegible] produced—a wonderful Late [illegible] pot plant—will be used for the garden. Some varieties of the Japanese Lace-cap, Lacecap, with flowers several [illegible]. There are one of the older varieties, it only fault was that it [illegible] which has been [illegible] available.

The Perennial or Summer—often [illegible] which are overlooked [illegible]—also boasts a new, [illegible] flowered type known as Peppi. There is a new dwarf strain of the annual Phlox.

Zinnias, Marigold and Calendula have also moved along with the procession. In Zinnias, there are markedly improved types in shades of color, [illegible], rose, yellow, crimson and orange, in some of the newer [illegible]. The Dahlia-flowered type is now, but not yet thoroughly tested. The Picotee and the Curled and Crested types are novel and quite [illegible] cut flowers—and of the [illegible] of course. Marigold, in the Giant African type, [illegible] that name was [illegible], now [illegible] shades of orange, lemon and [illegible], with flowers [illegible] across. Few flowers ever attain uni- [illegible] quickly as do the [illegible] Kelway's Cardinal, when [illegible] and [illegible] cut flower. Golden [illegible] and Lemon Kelway are equally [illegible], and all three may be [illegible] [illegible].

Three other excellent flowers for [illegible] or Sedroom, Clarkia and [illegible] Sweet Vetch Pea [illegible] [illegible] well known. Petal [illegible] and Sweet Peas, that are among the choicest of all flowers for cutting. Clarkia, still unknown to [illegible] despite the fact that it is a native American plant, flowers within a few weeks from seed and is easily grown. In the improved new [illegible] are [illegible] than formerly. The Schizanthus—too often [illegible] only as a greenhouse [illegible] that never seem to [illegible]—has now two new strains, the Dwarf Hybrids, only a foot in height; and Garaway's Hybrids.

[illegible]

Among perennials, one of the most important introductions of recent years is the American-bred Bristol Fairy Gypsophila which has proved quite as much of a sensation in Europe [illegible] Europe, with finer flowers and [illegible] longer season than the older varieties, it represents a remarkable advance.

Another quite recent acquisition is Veron Jenny Gem. If you don't get another flower mentioned in this article, try this one. The beautiful blooms, like glorified Violets, are produced in profusion during early summer and more or less throughout the balance of the season; my own plants were still flowering on the first day of November. The stems are long enough—often half a foot—to be fine for cutting.

The various types of hardy Pinks or Carnations are always deservedly popular. Chabaud's new Giant Double are a surprise here; planted as late as May, they will flower the same season from seed. *Dianthus allwoodi*, not new but recent, gives us an entirely new type, with the beauty of real Carnations and the hardiness and perpetual flowering qualities of old hardy Pinks. The single hardy Pink, Miss Gladys Cranfield, which received the Royal Horticultural Society's award of merit, is a variety of unusual charm. Annie Laurie is another gem in this class.

In Delphiniums—what shall be said! The Hollyhock-flowered type so named because the flowers resemble small Hollyhocks, and *not* because it is a Delphinium-Hollyhock "hybrid" as so many people seem to think) is the most outstanding recent development. This strain, developed by Mr. William Sim, of Wrexham, England, is now offered by several American concerns. Already we have several American specialists in this wonderful flower, and many named varieties are available. The Foxglove (*Digitalis*), which had lain dormant for years, has taken not a step but leap in advance with the new Shirley Hybrids, which are not only large and finer but with much clearer colors than the old-time kind.

[illegible] [illegible]

The [illegible] new hardy flowers of more all-round general attraction than the Gaillardia. The new varieties Portola with the accent on the la [illegible], as it was named after the Portuguese adventurer who discovered San Francisco Bay, is a entirely new strain, much more compact and vigorous in growth, with stems much too short for flowers of rich, coppery scarlet on long, strong stems. The Portola Hybrids, to be offered for the first time this season in a wealth of new shades. India Chief is another fine name variety of this flower.

The Gaillardia enjoyed new popularity with the advent of Mrs. Bradshaw. Then came Lady Stratheden. In addition to these fine sorts, we now have Orange Queen.

New Arabians, which will give [illegible] to those who have liked the Dropmore variety, are Pride of Feltham and Fire Opal.

The hardy Asters and hardy Chrysanthemums have come on so fast that it is not possible to give even a resume here. A good proportion of these especially among the Mums, are American bred varieties. For the new Kniphofias, however, we have had to look to Europe. Pfitzer's even blooming type has for many years been the most desirable. Recent from England, have come Royal Standard and Lord Roberts, now offered here.

So here we close the story. I have omitted many things which deserve mention, but a stop must be made somewhere. Perhaps enough has been said to prove that American plants and plantsmen are something for us to be proud of, after all!

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put on the mulch to about the same depth and cover it with dead branches, poultry wire netting or some other light material that

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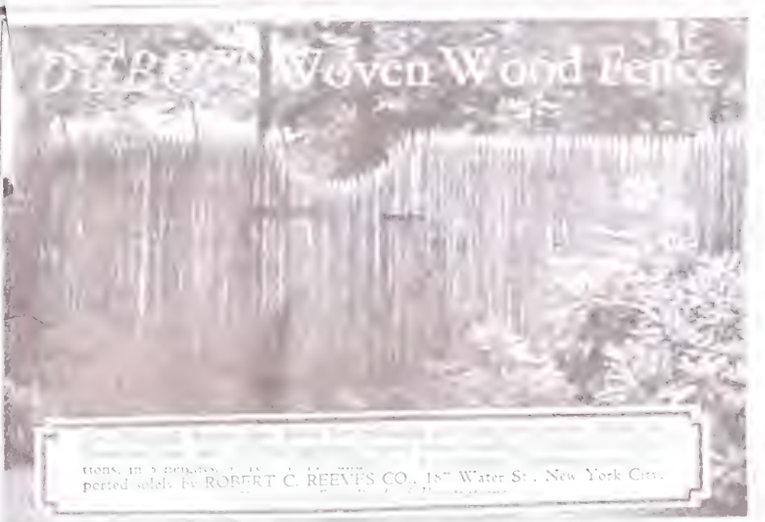
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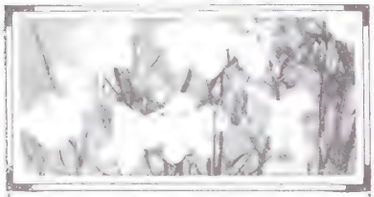
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It is commonly believed that early spring is the only season to add lime to the soil, whether in need of its chemical effect. As a matter of fact, late summer and autumn are just as favorable times—indeed, perhaps more favorable.

Lime requires several months before its beneficial action is really under way, so if it is not put on until spring the plants will not benefit much before midsummer. On the other hand, if it can be scattered over the ground now and worked in a little the soil will be greatly improved by the time spring planting is under way.

WOODY PLANTS IN THE ROCK GARDEN

THE planning of a well designed rock garden is often clarified if consideration is given to the fact that, when finished, it should represent in miniature a bit of Alpine landscape. Thus, it must not be just a confused jumble of boulders and plants, but rather a well defined scheme in which tiny valleys, hills, trees and flowers form a natural-looking composition.

Such a plan naturally demands the use of dwarf trees and low-growing shrubs to give a feeling of the mountain woody growths in the Alpine landscape. Every rock gardener, therefore, ought to familiarize himself with this class of material and plan to use some of it. Particularly useful are certain of the miniature evergreens—Spruces, Junipers, Arborvitaes and so forth—which are obtainable from a number of growers. Correctly placed, these dwarfs compose pleasantly with the herbaceous flowers which make up the majority of the rock garden's population and lend to the whole an essential quality of permanence. They fulfill the same role that [illegible] of Alpines [illegible].

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Van Dusen N
Box H Gene

THE PEACH BELL

Campanula persicifolia, the Pea
Bell marked C. P. on the diagram,
another plant of vertical lines. T
mauve and white bells which are
on wiry stems sway in every fa
breeze. They are among the m
graceful of garden flowers and
also good for cutting. In leaf-mol
soil the plants increase rapidly a
need frequent division. This can
done every September if one wis
to increase the stock quickly, a
spring sown seed germinates rapid
A large-flowered strain, Telh
Beauty, is very good, but do not
tempted by the double ones for th
are fat and dumpy looking.

Campanula latifolia macrantha,
other of the tall Bellflowers, has st
hung with long, dark purple b
They are perfectly hardy and thr
and easy to raise from seed, but
young plants will not reach their
growth until they are about th

(*Continued on page* 158)



A SA
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flower bowls.

Yourien arrangement per-
Hey, I would set about
Prough May and June
for Lilacs, Tulips and
I would add a few
ts of *Anchusa italica*, the cobalt
lue one called the Dropmore variety.
I assure you it lives up to its name.
The enormous plants must be very
carefully located at the back among
the shrubbery so as not to interfere
with young shrubs or perennials.
After an Anchusa has been in the
garden a season or two, its seedlings
must be treated as weeds when they
come up in unauthorized places.

Some Delphiniums are the same
shade of cobalt as this Anchusa. In my
opinion, the best way to have good



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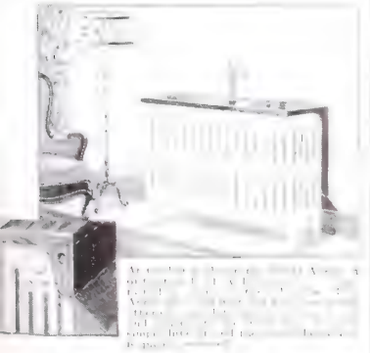
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H-G

DESIGNING THE BLUE BORDER

(Continued from page 156)

[illegible] combination of flowers with bold [illegible] treatment that all plants appreciate. [illegible]

[illegible] for some of the long-spurred Columbines [illegible] pale blue, pale and dark yellow, pinks and even white, fits them into any [illegible] deteriorate. Good seed lists now have them in the separate shades. I never bother raising white ones any more for some will always come white from seed saved from the yellow variety, *Aquilegia chrysantha*. The blooming season will be lengthened by weeks if they are planted so that a taller plant will give them shade during the hottest part of the day.

The Caucasian Scabiosa or Blue [illegible] heavenly blue color and a great addition [illegible] flowers, but the plants sometimes rot if they are not planted in an open situation and seed does not germinate quickly. They are worth the extra effort but it is best to leave them out until the more important shrubs and plants are set in place.

[illegible] as a foil to the perpendicular lines of the Delphiniums and Campanulas. This variety so far surpasses *paniculata*, for arrangement with cut flowers because of its airy form and fragrance and for its misty effect in the flower beds, that I have discarded *Gypsophila paniculata*. I do not like the latter's stiff habit of growth nor do I care for dried flowers. Buy a few plants of *Gypsophila acutifolia* and increase them by division in the spring. It is a difficult plant to raise from seeds though once in a while a come-by-chance is found near old plants. Sprays of this Babysbreath are the perfect accompaniment for hybrid tea Roses. Cut off the spent blooms at the end of June, and a second and sometimes a third crop of blossoms will be [illegible] by this simple operation.

The very dwarf edging plants in [illegible] border, *Myosotis dissitiflora*, *Myosotis azorica*, *Veronica repens* and Viola [illegible] were described in the article on the late Tulips (October House & Garden) which also included the description of the hybrid Lilies used in the background.

About the second week in June, in Ohio, the following plants are coming into bloom: Delphiniums, Peach Bells, *Campanula lactiflora macrantha* and *Campanula* in perpendicular lines, and Bluebeards, *Veronica repens* and Caucasian Scabiosa in horizontal [illegible] I would like to add a few pale [illegible] Foxgloves which remind me of the little girl in the nursery rhyme—"When she was good, she was very, very good, but when she was bad, [illegible]" To keep the color [illegible] be taken to pull up in quantity ones as soon [illegible] empty [illegible] for, as my biennials, I do not [illegible] nursery beds. [illegible] of the white Foxgloves are magnificent when well grown, but they are best located in shade, for that [illegible] the flowers and the plants grow much taller when protected from heat.

Nepeta mussini, usually included in [illegible] rock plant lists, is a tumbling mass of gray-green foliage and clouds of tiny lavender flowers. It grows about twelve inches in height. This pale lavender color is not needed in June, for there is an abundance of bloom without it, so I like to cut back the terminal heads [illegible] By this method the lateral shoots just below the main flower spike will bloom in late July when the blossoming season of the border is passing.

[illegible], with large open bells, white or pale blue, that completely cover the plants, makes effective ten-inch clumps all through July and most of August if the faded flowers are occasionally clipped off. It is the same height as *Nepeta mussini* and the two are planted just behind the drifts of Tulips and brought forward to mark the separation of the Tulip drifts. Have these Campanulas [illegible] *Nepeta mussini* below the [illegible] with the tall stems of *Platycodon* among Lilies. This grouping is worth a place of its own, for the orange and blue and lavender colors are clear and brilliant.

Through July, Platycodons in white and blue, *Linum perenne* and Babysbreath, *Nepeta mussini* and *Campanula alpestris* with the Tiger Lilies if there is space for them (they will grow well even if they are tucked under the Lilacs) will give lavender, orange, blue and white blossoms. Many of the June perennials also keep up a few scattered blossoms, but any pink Foxglove plants should be pulled up if a few of them persist. There is almost no color clash worse than

(Continued on page 160)



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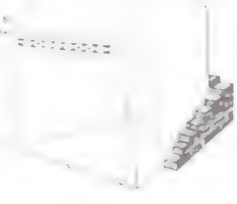
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DESIGNING THE BLUE BORDER

(Continued from page 158)

[illegible] will find the above are [illegible] of the very easiest species. Plant all the [illegible] plants with the Lilies. No [illegible] will [illegible]



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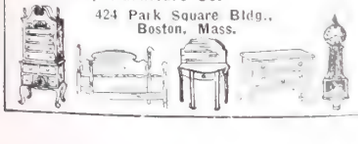
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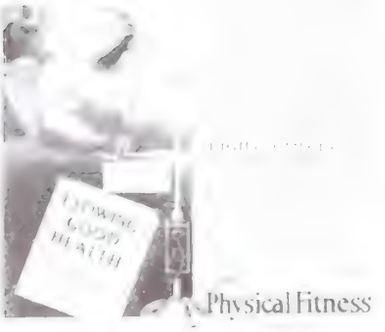
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Chic is a matter of information, not of income. Wrong things are often costlier than right. What you leave off is every bit as important as what you put on. Guided by Vogue, you may look smart on a $100 expenditure, while uninformed women look frumpish in $10,000 worth of mink and pearls.

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Bought singly, at 35 cents a copy, these 10 issues would cost you $3.50. Through this offer you get them for $2. A saving of $1.50.

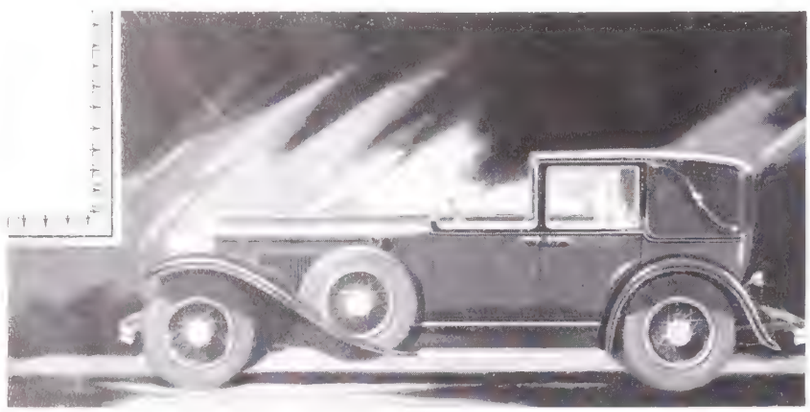
...Vogue, Number Nine, ... Publication Unit, New York City



THE American motoring public has never, perhaps, beheld a happier or more beneficent combination of names and of organizations than those of Fisher and of Fleetwood. These two famous body builders, joining their artistry and their master craftsmanship, are today creating the finest custom bodies ever presented to the discriminating public of America. The result is plainly evident in the luminous beauty and the princely appointments of the Fisher-Fleetwood custom bodies originated for that brilliant motor car, the LaSalle, as well as in the surpassingly distinguished and luxurious Cadillac cars bearing the emblem, Fisher-Fleetwood.

Body by
FISHER-FLEETWOOD

GENERAL MOTORS



FISHER-FLEETWOOD CUSTOM TRANSFORMABLE TOWN CABRIOLET ON LASALLE CHASSIS

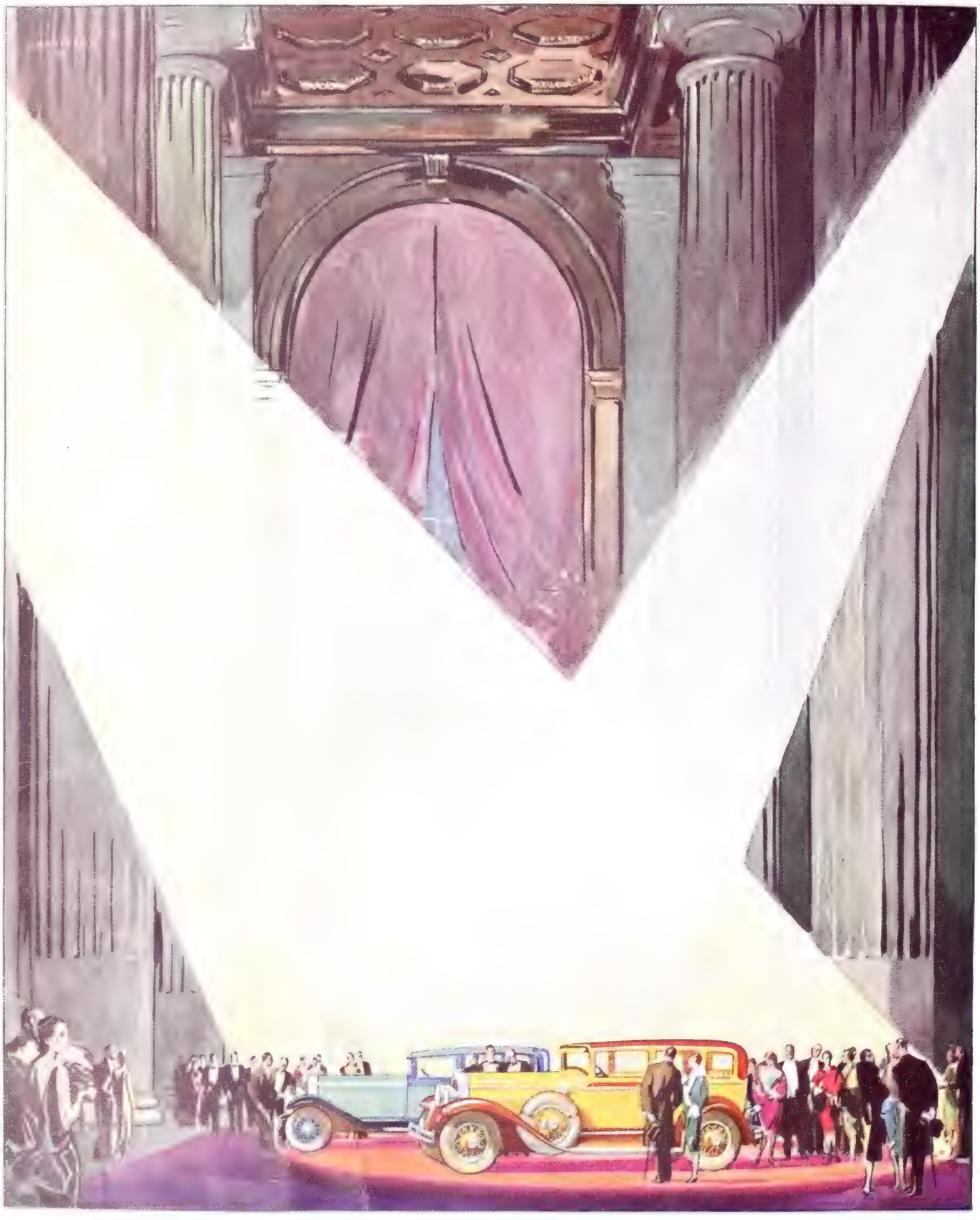
THE CONDE NAST PRESS, GREENWICH, CONN.

HOUSE & GARDEN



Furniture Number

★
ruary · 1928
35 cts · 3.50 a ye



These are the cars that stand out at the 1928 shows—the New Marmon 78 ($1895) and the New Marmon 68 ($1395). Both are straight-eights combining the greatest performance of the day with wonderful good looks and good value. Both are Marmons with Marmon precision and care in every detail. (Prices f.o.b. Marmon Motor Car Company, Indianapolis.)

MARMON

TIFFANY & Co.

JEWELERS SILVERSMITHS STATIONERS

DIAMOND WRIST WATCHES

A Large Selection
With a Wide Range of Prices

MAIL ENQUIRIES RECEIVE PROMPT ATTENTION

FIFTH AVENUE & 37TH STREET - NEW YORK



A new perfume by Caron"

LES POIS DE SENTEUR DE CHEZ MOI CARON

(SWEET PEAS)

CARON CORP., 389 FIFTH AVE., NEW YORK

Vol. No. 53.



IN THE MANNER OF KINGS

THIS diamond, animate with brilliance . . . this fragile chain of blue, imprisoned flames . . . that string of pearls, that ruby ring, this pin. . . . Like prisoned stars they scintillate with light, lustrous, triumphant, shaped in their regal beauty by the skill and learning of an ancient craft.

The brilliance of any stone, its decorative effect, depend largely upon the dexterity with which it is cut and mounted. A jewel of rarest water may sink to mediocrity beneath an inept hand. Expert knowledge, infinite patience, originality, good taste . . . these must be present in the finest work. And these are attributes which distinguish in an extraordinary degree the jewels to be seen in this establishment.

It is a tradition of Marcus & Company that this work shall be done by men who are artists as well as craftsmen. They face the preparation of a jewel as a painter his empty canvas. Their long experience, their talent and devoted care go into it. And when, perhaps after weeks or months of toil, the last crowning touch is added, it is marked with a character instantly recognizable and unique . . . the subtle imprint of authority, the aspect of a kingly grace.

Pearl necklaces from $125,000 to $200. Marquise and emerald cut diamonds from $75,000 to $2500. Emeralds from $20,000 to $500. Sapphires from $10,000 to $500. Star rubies and star sapphires, black opals, precious and semi-precious stones in settings of rare and exquisite workmanship, $5000 to $50.

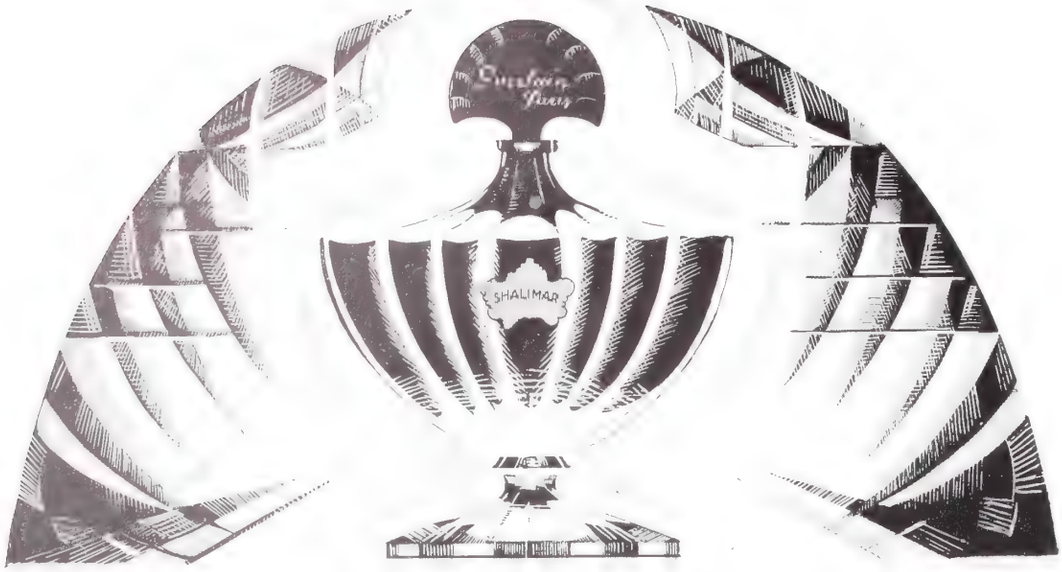
The Palm Beach branch of this establishment will be open from January 16th to April 2nd.

MARCUS & COMPANY

JEWELERS

[illegible] CHAMPS-ELYSÉES

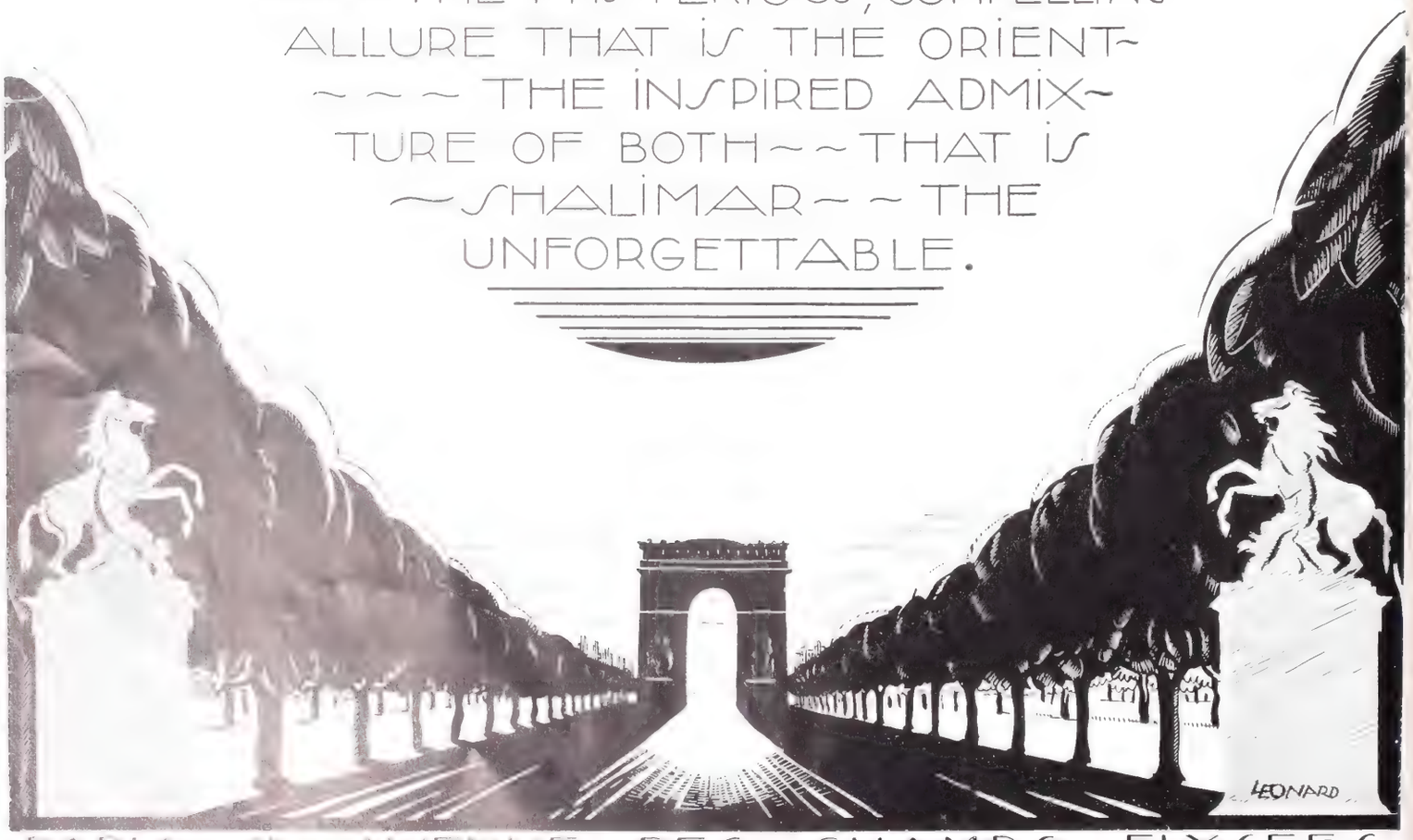
At the [illegible] New York and Palm Beach



GUERLAIN

NEW YORK 578 MADISON AVE.

THE CHIC, THE VERVE THAT IS PARIS
~~~~THE MYSTERIOUS, COMPELLING
ALLURE THAT IS THE ORIENT~
~~~~THE INSPIRED ADMIX~
TURE OF BOTH~~THAT IS
~SHALIMAR~~THE
UNFORGETTABLE.



PARIS 68 AVENUE DES CHAMPS ELYSEES.

FIFTH AVENUE

B. Altman & Co.

SPECIALIZING IN GOOD TASTE



An exclusive Altman Sheraton chair in a group of Louis XVI copies of imported pieces. The walnut table is $230.00, the mahogany cabinet, $680.00, the coffee-stand, exquisitely carved of lustrous walnut, is $125.00. The Sheraton Lazy chair, in a rich fabric, is priced at $270.00

The selection of furniture at Altman's is carefully made to avoid the commonplace and to offer a wide choice of distinguished importations and American-made furniture for homes where good taste is the ideal.

New things are constantly coming from abroad, and the most exacting demands of the modern apartment and country house are fulfilled in every type of furniture, including a well-chosen selection of antiques.



This attractive mahogany lar block-front secretary Anne-Colonial type, with comb-back imported chair priced at



Early American Furniture for Early American Homes

UNTIL recently it has taken years of work—large amounts of money—and sheer luck—to obtain Early American furniture to conform and harmonize with the prevailing architecture of modern homes and apartments. But now this need is being filled easily, promptly, inexpensively by stores in every city, with Stickley Replicas.









Typical groups of Early American furniture went into collections years ago. They have become practically impossible to buy. But the need of this type of furniture is being completely met by the work of the Stickley Fayetteville shops. Here replicas of the choicest collection pieces are produced under the personal direction of one of the principal collectors of Americana, in the exact woods and designs used by the old masters.

Stickley Early American pieces are far more beautiful, comfortable and sturdy than the originals themselves in their present state. They are a pleasure to live with—even to see! Go and study them, in the better stores in your city. They are made for every need, every room. Each bears the Stickley Fayetteville name. Look for this mark, because it is a warranty of authenticity and satisfaction.

Send for booklet

L. & J. G. Stickley, Inc., Fayetteville, N. Y.

Early American
BUILT BY
STICKLEY
OF FAYETTEVILLE, N.Y.



MACY Furniture

in the spirit of our times



IT is Macy's policy consistently to offer the new, the useful, the substantial in good furniture at prices well within the average income. For instance, the series of modern rooms now on display exemplifies the essence of contemporary decorative expression — and yet, they are thoroughly livable and sensibly priced. Seventh Floor

MACY'S

34th Street and Broadway, New York



Springtime Charm for your home

New curtains, smart draperies, occasional furniture — what does your home need to put it in tune with the loveliness of Spring? A visit to the Fourth Floor will give you many suggestions. And here, too, you will find interior decorators to give you any assistance you might wish.

Estimates submitted for one room, entire apartment, house, clubroom or hotel. Consultation involves no obligation.

McCutcheon's

FIFTH AVENUE AT FORTY-NINTH ST.
DEPT. NO. 44 NEW YORK

If



W. & J.
SLOANE
Fifth Avenue at Forty Seventh Street
New York City
Washington

INTERIOR DECORATORS HOME FURNISHING COUNSELLORS



The Lure of Fine China

FOR ALMOST COUNTLESS generations it has been the delight of the hostess to devote much thought to the selection, care and service of her china. Indeed, fine china not only is a source of constant pride and pleasure, but is quite indispensable, even to the modest home.

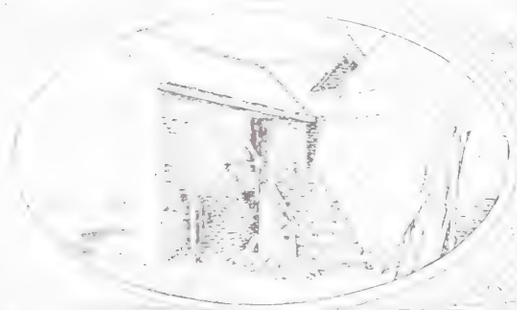
Wedgwood bone china, an exclusive product of our Etruria Potteries, is famed for its delicate, translucent texture and its beauty of tone and design. The pattern shown — Columbia — is a recent one, reminiscent of the Empire style, developed in an harmonious blending of colors that is altogether charming. It will be found in the shops in open stock.

Write for Illustrated booklet which will be sent upon receipt of ten cents.

Josiah Wedgwood & Sons, Inc.
OF AMERICA
255 FIFTH AVENUE · NEW YORK
WHOLESALE ONLY
Potteries: Etruria, Stoke-on-Trent, England

Mark on
Jasper, Basalt,
Queen's Ware, Etc.
WEDGWOOD









136 West 52nd Street
New York

MANUFACTURING



The Cluny — Named for the Historic Abbey — Redolent of its Lovely Gardens

In this widely wanted Theodore Haviland design is revived at least one of the glories of that celebrated abbey which once brought kings and popes to the tiny French town of Cluny. The most gigantic church in Christendom till St. Peter's was completed in Rome, and at one time capital of fully 2000 European monasteries, Cluny was almost equally famous for its marvelous gardens.

Sprays of the passion flowers, morning-glories, camomile and other blooms which once brightened Cluny's quiet paths are reborn with all their delicate beauty in this design. The soft ivory band, the deep blue-and-gold border and the fine old Pilgrim shape all add further richness.

The Cluny is only one example of the world leadership of Theodore Haviland china. To its wealth of patterns, quite as much as to the originality and skill of its artists or the quality of the china itself, its great popularity is due.

THEODORE HAVILAND FRANCE

Only [illegible] can get the charm of the above pattern as we have it, getting the incomparable [illegible] of fully fired glaze, and brilliance of [illegible] such as genuine Theodore Haviland china. All dealers have or can get it for you in this or any other design. Booklet in color on request.

Theodore Haviland
Limoges
FRANCE
DECORATED CHINA MARK

THEODORE HAVILAND & CO.
INCORPORATED
26 WEST 23RD STREET, NEW YORK
[illegible] THEODORE HAVILAND & CO., TORONTO

Nakon



IN OUR SHOWROOMS

FOR more than twenty-five years, Nakon has been manufacturing furniture for the best decorating trade. Made exclusively in our own shops, we present [illegible] one thousand individual designs in the Early English, Spanish, and Italian schools, for bedroom, living room, dining room, and hall.

We shall be [illegible]
request a copy [illegible]

The Nakon Company

Manufacturers

52ND STREET AND EAST RIVER

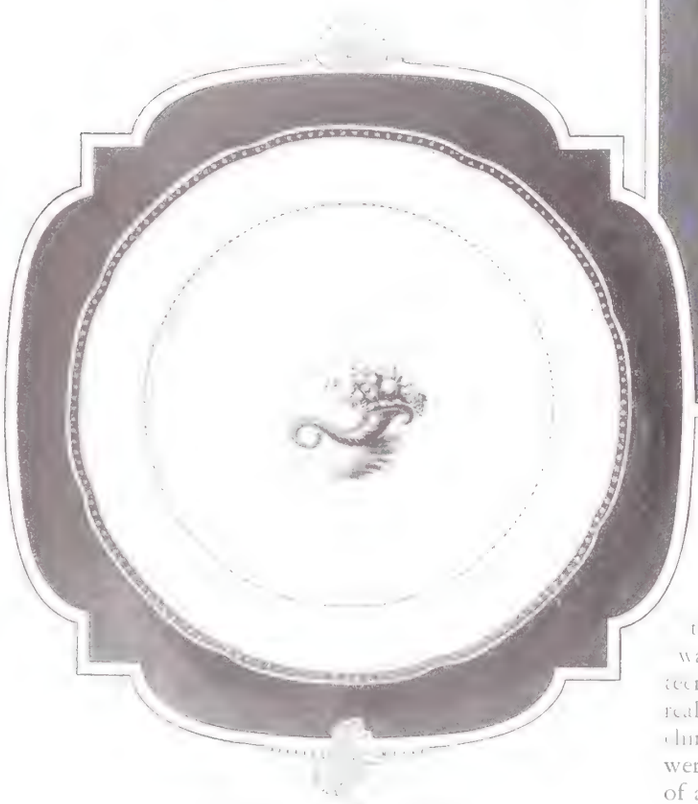


BENIAX NO. 2

[illegible] one piece is offered, through the trade, at

SPODE · WEDGWOOD MINTON · LENOX

Modern Lowestoft
for families who would serve posterity





THE name Lowestoft has an important significance to connoisseurs of rare, old chinaware. For today the exceedingly few who possess a Lowestoft service, number it among their most precious and, indeed, priceless belongings. ¶ Lowestoft was first brought to America from Oriental ports by hearty Seventeenth Century seamen, as mementos of their travels. Little did they realize the vast importance that would one day attach to this beautiful china; little did the fortunate families of the Colonies dream that they were passing down to posterity an heritage destined for that category of almost priceless things. ¶ Constant contact with the possessors of such rare services and knowledge of the reverence commanded by the name "Lowestoft", have instilled in us an ambition. An ambition to produce something of like quality that would, acquired today, carry on the same sentiments. What greater service could we hope to render than that of faithfully producing the old Lowestoft designs of Colonial days? ¶ But to do this entailed the finding of a special china body, which fortunately was discovered at one of the oldest factories in England. This body had last been made in the year 1805 and only after much experimentation have we reached the desired result. ¶ Modern Lowestoft services are now being made in a limited quantity for Plummer's *exclusively*—nowhere else can they be found! Today you may acquire Lowestoft in partial or complete service, well worthy of passing down to posterity.

An efficient Mail Order Department is maintained for those who cannot call in person.

Wm. H. PLUMMER & Co. Ltd.

IMPORTERS OF

Modern and Antique China and Glass

7 East 35th Street, New York

Near Fifth Avenue

NEW HAVEN, CONN.
971 Chapel Street

HARTFORD, CONN.
36 Pratt Street

CAULDON · ROYAL WORCESTER · WYLIE & GREEN · ROYAL DOULTON · COALPORT

KENSINGTON FURNITURE

AWARDED HIGHEST HONORS [illegible]
39TH ANNUAL EXHIBITION [illegible]



HEPPLEWHITE INLAID MAHOGANY SIDEBOARD AND CHAIRS, WITH DOUBLE PEDESTAL TABLE, *BY KENSINGTON.*

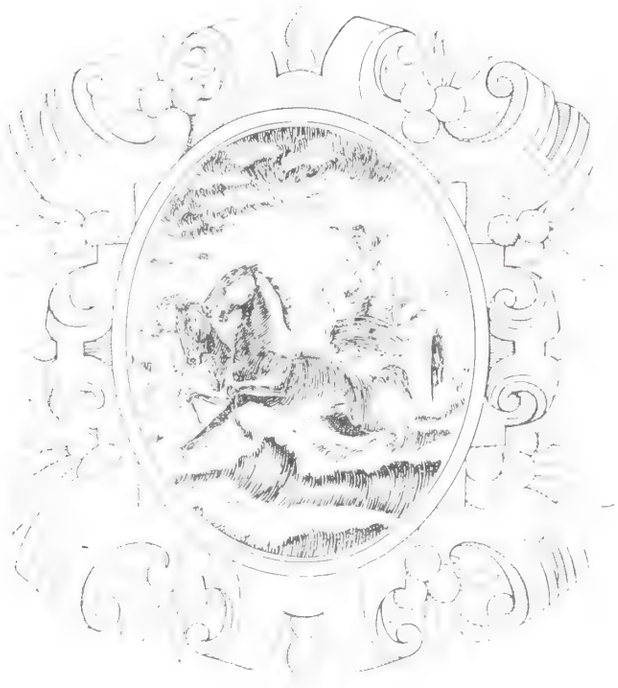
THE [illegible] the [illegible] illustration is characteristic.

One can [illegible] and his guests [illegible] table displayed on the graceful sideboard.

Fidelity in design and the old-time hand processes of the Kensington craftsmen retain in Kensington reproductions [illegible]

The purchase of Kensington Furniture may be arranged through your decorator or furniture dealer

Write for illustrated



THROUGH LONG YEARS OF EMPLOYING ONLY THE FINEST MATERIALS AND CRAFTSMANSHIP, DÉJON HAS WON THE HIGHEST REPUTATION IN THE FIELD OF STARTING, LIGHTING AND IGNITION EQUIPMENT . . . AS AN INEVITABLE RESULT — THE MANUFACTURER ON WHOSE AUTOMOBILE EVERY UNIT MUST BE THE FINEST, UNQUESTIONINGLY TURNS TO DÉJON.

DéJon

Starting, Lighting and Ignition System

DEJON ELECTRIC CORPORATION
Founders Ignition Technique







The Mode is Buick

You have only to [illegible] cars to realize the [illegible] of Buick [illegible] popularity is founded on the bedrock of finer style and finer performance.

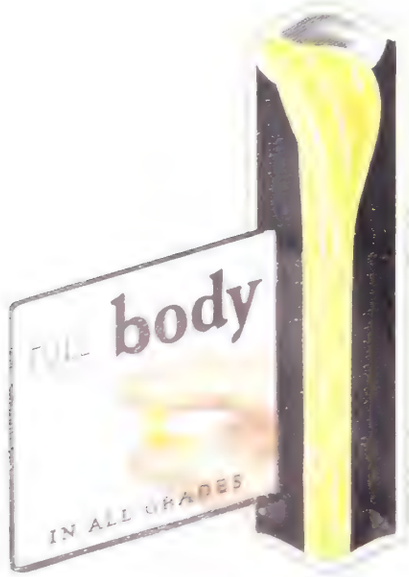
Tasteful color harmonies—slim, youthful lines—and luxurious interiors distinguish Buick bodies by Fisher, just as thrilling getaway, virile power and matchless smoothness place Buick far ahead of other cars on street and highway.

There must always be a leader in every field—one who promotes and directs progress—and Buick has filled this role in the field of finer, moderate-priced automobiles for twenty-four years.

That's why today's Buick is so able and beautiful. That's why it is winning such warm favor in all parts of America. That's why the mode is Buick.



Ready to go with an engine that defies the cold



Chilled – cold as the weather, yet golden Texaco flows—flows at zero—flows *freely* when many oils lag dangerously.

Brief starting seconds—the short time you spend "warming up" a cold engine—may cause more harm than hours of high-speed driving. For motor oil must flow and feed *instantly*, else pistons ride cylinder walls rough-shod, and metal grips metal harshly—destructively.

Only an oil as alert as Texaco—free of paraffin wax, of tars and cylinder stock, free of all cold-sluggish substances—can give instant protection. *No matter how cold the engine may be, Texaco Motor Oil never hesitates.*

Stop at any Texaco Service Station—the Red Star and Green T identifies it. Insist upon the *correct* grade of Golden Texaco Motor Oil.

The Texas Company, 17 Battery Place, New York City
Texaco Petroleum Products

TEXACO
CLEAN-CLEAR-GOLDEN
MOTOR OIL



Beautiful Period Furniture

brings New Interest to your Living Room

From best living ... corner in your ... able Colonial wing ... American ... honey-colored ... of English de... niture will ... your tired spirits.

These pieces ... reproductions, ... solid woods throughout. Imitation woods ... or minor pieces ...



... "Living Room Furniture by ... vicinity. Kittinger Company, ... Buffalo, N. Y.

Kittinger Furniture

KITTINGER

Distinctive Furniture



Beauty

Beauty on the Hearth

Our constant quest for the beautiful in fireplace adornment frequently results in acquiring antique mantels truly of exceptional character. Typical is this antique mantel of the Georgian Period. Genius, in deftly blending the virtues of beauty with those of utility, seldom scales the heights of artistry which this exquisite mantel represents.

Can you imagine for but a moment the charm that such a mantel would bring into the home? Can you not feel the pride that must accompany its possession and the knowledge that here is something individual—alone in the world? This mantel is 5′ 5″ high; the shelf is 7′ 4″ long; the opening is 49¾″ by 44″ and it is priced at $3500. The andirons to match, which are illustrated above, are in silver finish, 32¼″ high, and are designed after the Georgian Period. Price $540 for the pair.



Georgian Period Fireset, silver finish, $145.

WM. H. JACKSON COMPANY

Established in the Year 1857

2 WEST 47TH STREET NEW YORK

318 N. MICHIGAN AVE. CHICAGO

The Oldest House of its kind in America

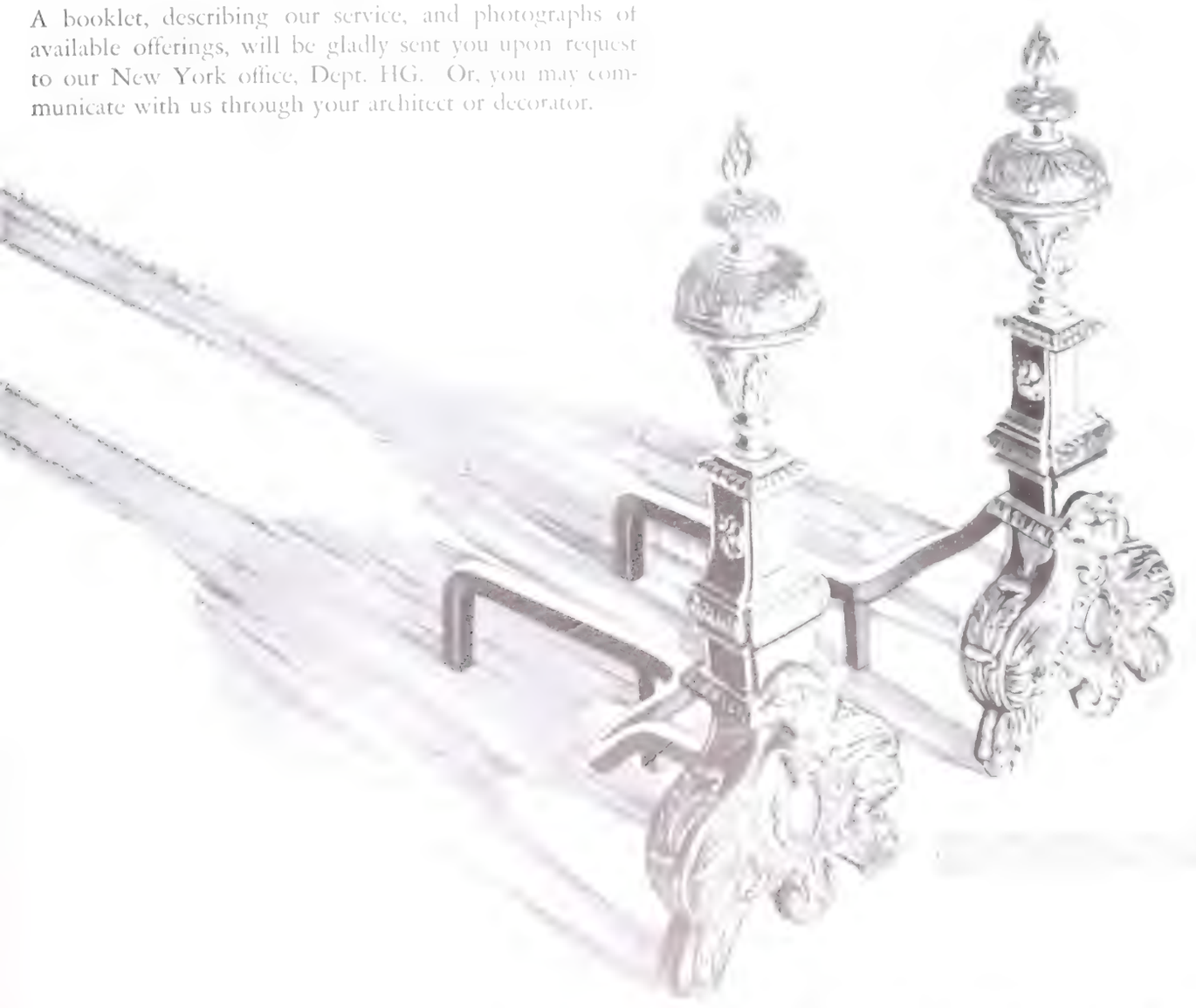
for the Homes of America



For one hundred years and [illegible] the corners of England, [illegible] aroused, from long centuries of slumber, antique stone and marble mantels; have sent them over here to capture anew the appreciation of Man.

Today we offer an exceptional selection of antique mantels and fireplace fittings. Hand-wrought or cast andirons in iron, brass or bronze, fashioned after the various periods—andirons such as only artisans of the House of Jackson can produce. Fenders, screens, firesets - everything to beautify the fireplaces of lovely homes.

A booklet, describing our service, and photographs of available offerings, will be gladly sent you upon request to our New York office, Dept. HG. Or, you may communicate with us through your architect or decorator.



WM. H. JACKSON COMPANY

Established in the Year 1827

The Oldest House of its Kind in America

There are two distinct new body styles at the automobile shows this season and both of them are on the 115 horsepower armored AUBURN chassis !

AUBURN AUTOMOBILE CO.
AUBURN INDIANA

Choose your Piano as the Artists do



GIESEKING AT THE BALDWIN

Masterful fingers, responding to [illegible] minds among living pianists! A nuance of expression and bewildering brilliancy of execution that sends audiences into raptures of delight! ¶ It is [illegible] "Only at the Baldwin am I at my best; only the Baldwin permits me to realize [illegible] Baldwin Piano, yourself, to understand fully the tremendous significance of Gieseking's preference. ¶ Convenient terms may be arranged with any Baldwin dealer.

THE BALDWIN PIANO COMPANY

[illegible]

Baldwin

PIANO

In the well-ordered Home *of* MRS. HUGH CABOT *of* Boston

—this luxurious comfort is "a necessity"





MRS. CABOT'S BEDROOM IN HER ANN ARBOR HOME

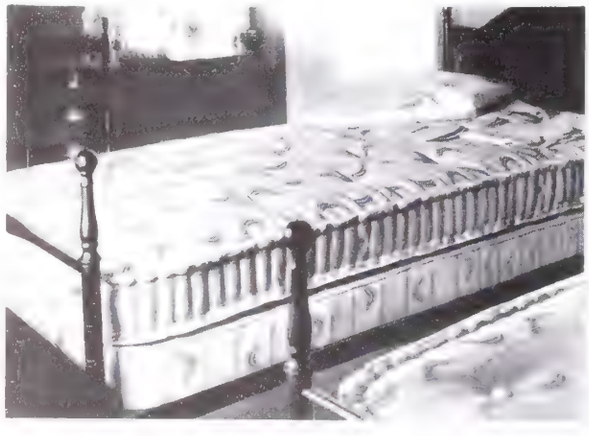
Its furnishings are in the Early American mode with three-fold ruffled dimity curtains and a ruffled dimity canopy. The luxurious Simmons Beautyrest Mattress. The Simmons Twin Bed pictured, No. 1025, is in Early American design

A SPACIOUS, gracious, old-fashioned home is Mrs. Cabot's, filled with the spirit of hospitality, well-being and good cheer.

"Our furniture is of the good old New England type," she says, "much of it handed down from generation to generation."

In Mrs. Cabot's own room the twin Simmons Beds, in graceful Early American design, are fitted with Simmons Beautyrest Mattresses and Simmons Springs. "For the well-ordered home they are a necessity," says Mrs. Cabot, "they assure complete comfort."

This marvelous Beautyrest Mattress and Spring are by Simmons, world's greatest makers of beds, springs, mattresses. They form a sleeping ensemble unequalled for comfort. So finely tailored is this well-boxed mattress that it preserves its shape for years.





THE "FLEX-IRON" SIMMONS BEAUTYREST MATTRESS

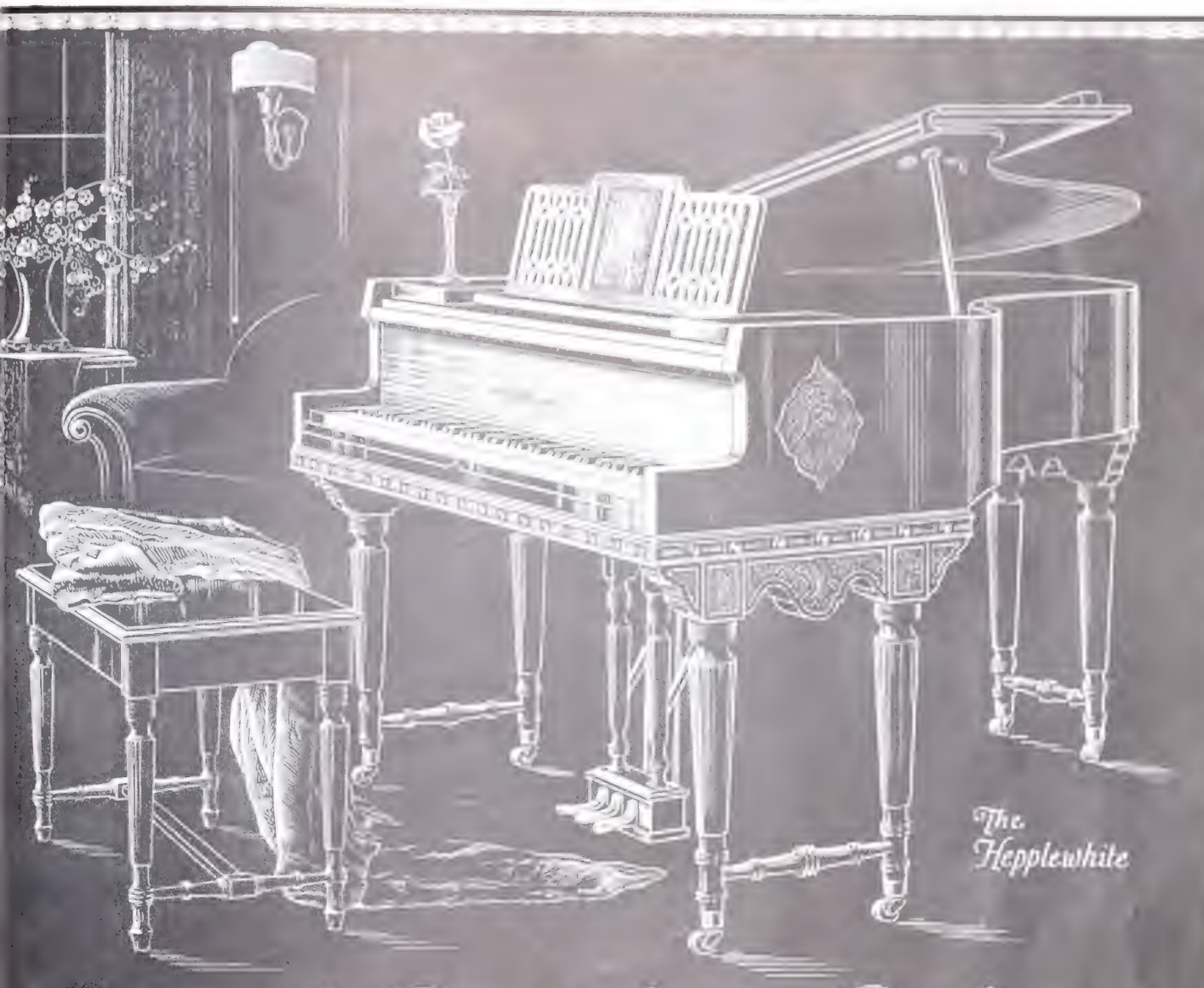
In Mrs. Cabot's room the "Flex-Iron" mattress is covered in modern stripes. This famous mattress owes its unequalled comfort to its unique construction. [illegible] Sixty-eight buoyancy

NOTE THE FINE WIRE COILS!

Luxuriously upholstered, they give the Simmons Beautyrest Mattress its unique buoyant comfort—its smartly boxed upstanding sides that can't be crushed

SIMMONS BEDS · SPRINGS · MATTRESSES

{BUILT FOR SLEEP}



Everett's Bewitching Loveliness

MARKS an entirely new vogue in homes of good taste - - a vogue for Beauty, Luxury, Style and Smartness in the Grand Piano - - - The Everett Period Vogue.

Eight charmingly authentic new Art and Period Styles by Van Dommelen, Grand Rapids, breathe an air of Old and New World charm into any characterful living room. Each, with matching bench, but $775 upwards.

We shall be delighted to correspond wtih those who would love to own a really beautiful grand.

"You simply must see the Everett"

EVERETT PIANO COMPANY
South Haven, Michigan, U.S.A.
Boston New York Chicago

Everett
GRANDS

The Complete Touch in Home Refinement

Another home  *screened the Higgin Way*

. . . will yours be still another?





"HOW can I add to the charm and livableness of my home?" Answer this question as thousands of others are answering it—by screening your home the HIGGIN WAY.

Higgin has made screening a profession, an art. That is why Higgin-made screens are different and add a decidedly dec rative touch. Designed as an integral, harmonizing part of windows, and finished in tones that blend pleasingly with trim and draperies, they give an impression of "belonging" that inspires one flutter of delight after another.

And how wonderfully livable they make your home! What lovely, refreshing breezes stream into your rooms and all through the house all summer long. The indoors and outdoors seem to be brought into perfect harmony and your home becomes many times more inviting and delightful. Mere words cannot convey this sense of cheery, airy indoors. Only a season behind Higgin Screens can make you appreciate this new feeling of well-being, this new thrill of glorious living under your own roof. So be sure your screens are "by Higgin."

Order your screens now

Have your windows measured right away. Then when the first Spring day comes, you can open your windows to the passing breezes without giving insects a chance to gain a foothold in your home. And you will have your screens in time to get the full season's use from them.

The Higgin expert near you is a good man to know. He will give you suggestions and estimates without making you feel under obligation. The coupon will bring his name and address, also free illustrated booklet, "Your Home Screened the Higgin Way." The Higgin Mfg. Co., Newport, Ky. Branches at Kansas City, Mo., and Toronto, Ont., Canada.

HIGGIN
ALL METAL
Window Screens

"Screens that last longest cost least — Higgin Screens last"



(B) ...ged into frames hold cloth taut permanently ...requires replacement. (D) Frames enameled ...well as out to prevent rust. (E) Corners ...set with driving fit over inside corner ...

...Screens give lifetime service. Thousands ...have been in continuous use for more ...

The Higgin Mfg. Co., 28 Washington Ave., Newport, Ky. I want to know all about the Higgin Way, so please send me your booklet "Your Home Screened the Higgin Way." I assume no obligation in making this request.

Name .....

Street .....

City ..... State .....

Shall we send you our booklet on Weatherstrips and their relation to fuel saving and comfort? Yes No

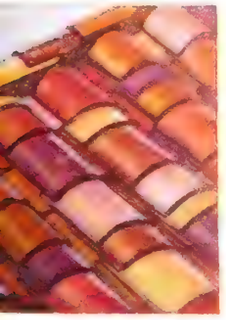


A · TILE · ROOF



RESIDENCE OF WALTER BOSCHEN, ARCHITECT, SAINT JOSEPH, MISSOURI. ROOFED WITH IMPERIAL STRAIGHT BARREL MISSION TILES IN A VARIETY OF COLORS

A Roof of These Tiles Will Never Fail You



The hardest worked part of your home is its roof. Day and night, year after year, it must protect your loved ones and your household possessions. Therefore, to pay the slightly higher cost of IMPERIAL Roofing Tiles is a wise investment, for they provide *lifelong* protection not only from the weather but from the danger of roof fires.

Our interesting brochure, "The Roof," contains numerous full-color plates of fascinating tile-roofed residences. We will forward this book on receipt of 25c (coin or stamps) to cover postage and handling, or an illustrated color folder will be sent you *free*. Address: Ludowici-Celadon Co., Dept. A-1, 104 S. Michigan Ave., Chicago.



this color book of

Chicago, 104 S. Michigan Ave.

IMPERIAL
Roofing Tiles



112 H.P. AMERICA'S MOST POWERFUL MOTOR CAR

With the new 112 h.p. Imperial "80" Chrysler now introduces into the field of finest motor cars a new modern note of simple excellence.

Powerful, graceful and fleet, this newest Chrysler emphasizes efficient simplicity in engine and chassis, and the charm of simple good taste in body and lines.

The new 112 h.p. "Red-Head" high-compression rubber-mounted engine—a marvel of clean design—is smooth and alert, easy to drive, maintain or control. No less powerful car can approach its flawless performance.

Graceful lines and luxurious custom bodies contribute importantly to Imperial "80" pre-eminence. In their simplicity of design and correctness of good taste there is not even a hint of that over-ornamentation sometimes mistaken for smartness.

Custom bodies are built by Locke, LeBaron, Dietrich, and by Chrysler in a special plant acquired and equipped solely to produce these fine examples of coachwork.

Men and women, with a wealth of experience with the finest cars the world has produced, are finding fresh delights in the faultless performance, luxurious comfort and exquisite good taste of the new 112 h. p. Imperial "80"—America's most powerful motor car.

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New CHRYSLER IMPERIAL "80"



Smooth as *Stabilated* Motoring

nooth, effortless motor car motion—Stabilated otoring—is rapidly becoming the standard of riding mfort by which all cars are judged, large and small. The reason Watson Stabilators are alone in giving abilated Motoring is that Watsons attack the prob- n of easy riding from a basically new and dif- rent angle.

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This cause is the excessive force of recoil that your springs store up when they are compressed by a bump. Get rid of this force before it throws you, and you make bobbing and bouncing impossible.

And that is exactly what Watson Stabilators do—instead of waiting to deal with throws, Watsons remove the cause of throws. They give an entirely new sensation to motoring.

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FOR LARGE CARS

merica's foremost heavy cars come with Watson Stabilators. The C— sts showed these manufacturers that Stabilated Motoring [illegible] rysler · Cunningham · Dodge · [illegible] illys-Knight · Franklin · Gardner · Hudson · [illegible] eFarlan · Meteor · Nash · Packard · [illegible]

COMPLETE FOR ALL HEAVY [illegible]

FOR LIGHT CARS

[illegible] millions of America's lightweight cars can now enjoy the new [illegible] Stabilated Motoring. New Watson Stabilators, Type AA, are expressly designed to conquer the riding peculiarities of small, [illegible] cars such as Chevrolet · Dodge · Oakland · Wheppur [illegible] · Nash · Star · Essex · Oldsmobile · Wolverine · Pontiac

[illegible] AT LIGHT CARS [illegible]





while the iron pipe is almost entirely clogged with



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always be made of Anaconda Copper for life-long service and economy and



(Below) Screens of Anaconda Bronze . . . corrodible screens that their installation . . . rustproofing the home. They cost only about $28 more than corrodible screens for the . . .

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[illegible] the sun's heat which passes with comparative ease through ordinary building materials. Second floor bedrooms under a cork-[illegible]

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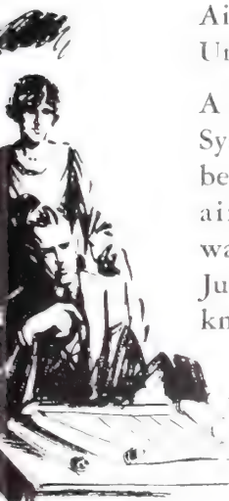
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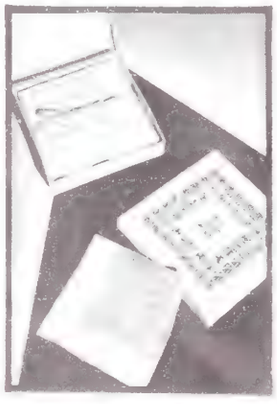
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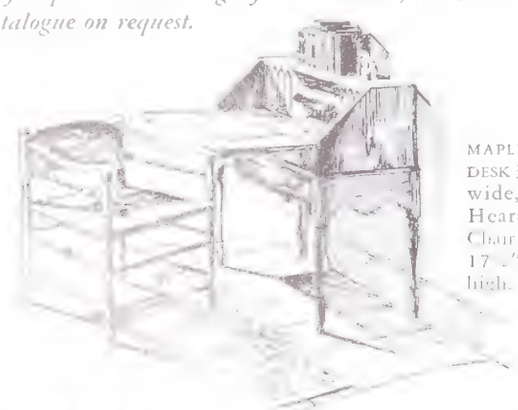
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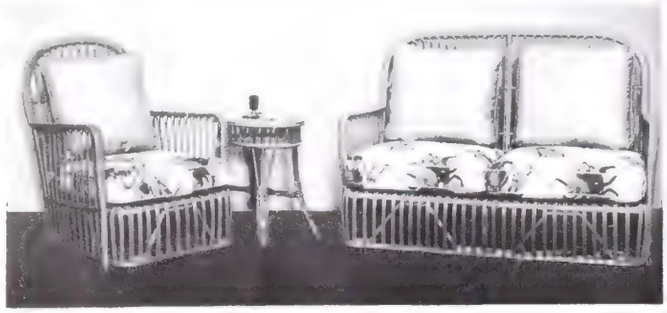
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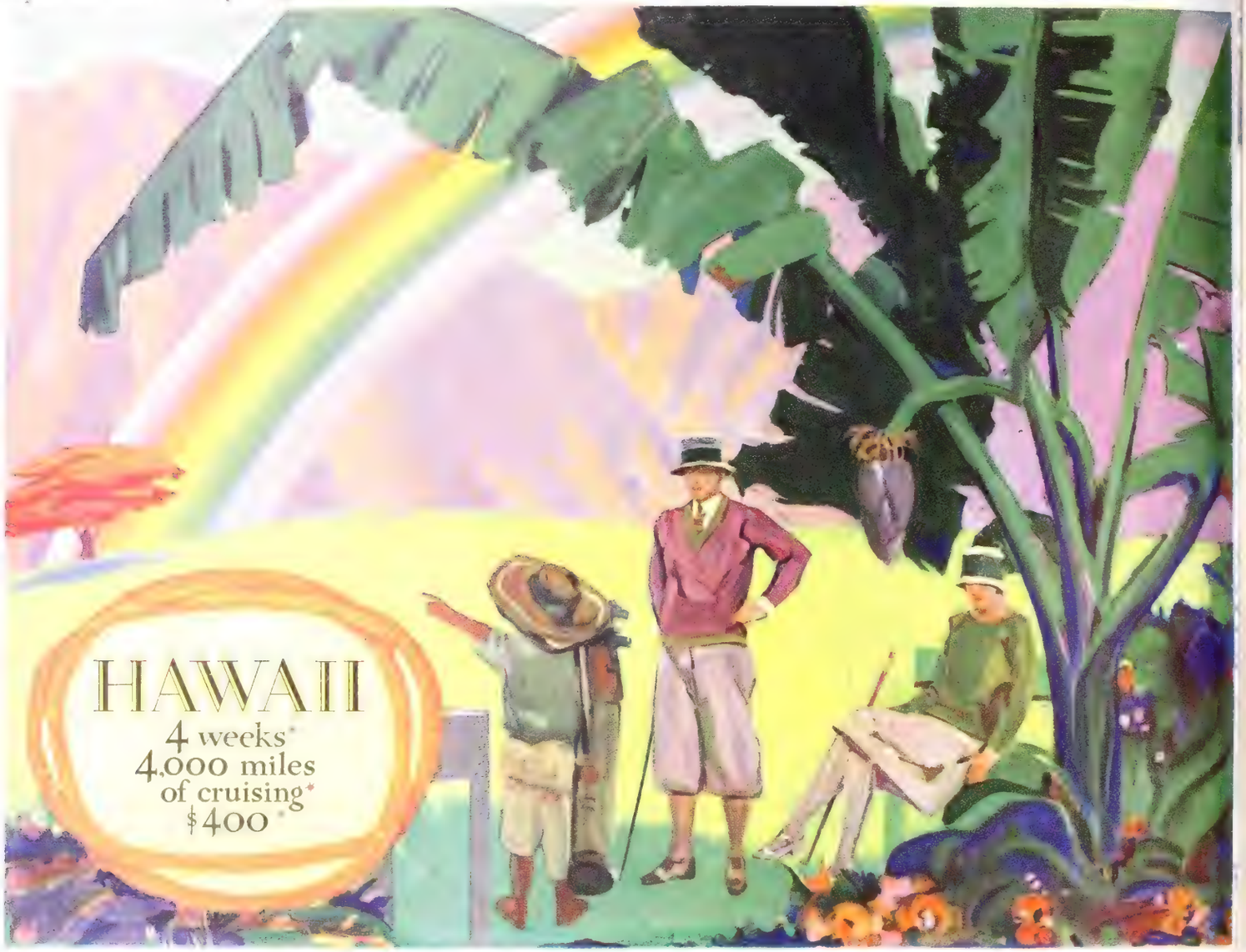
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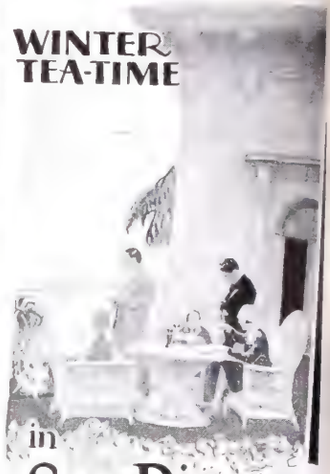
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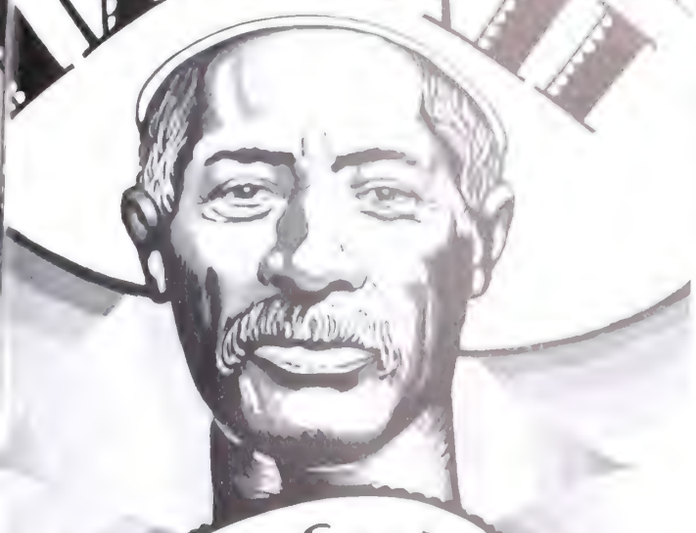
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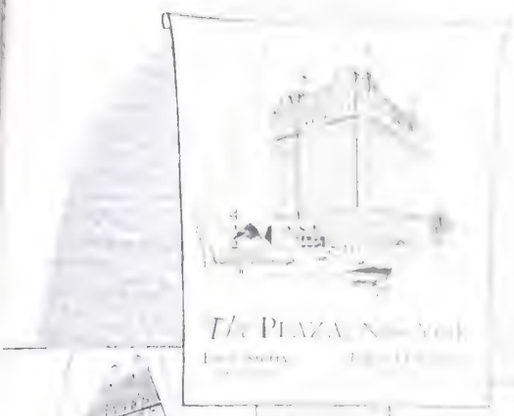
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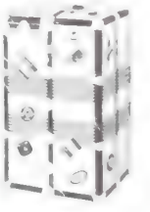
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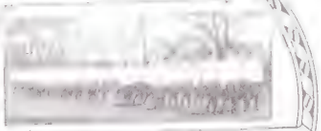


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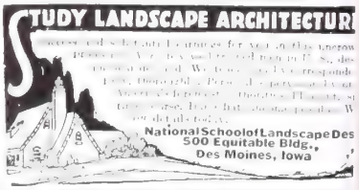
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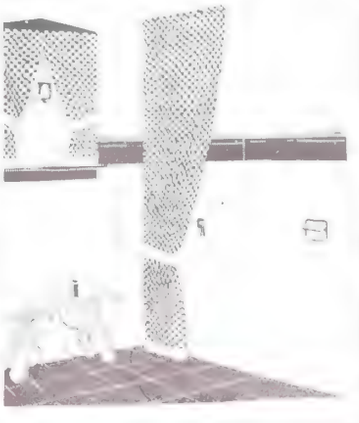
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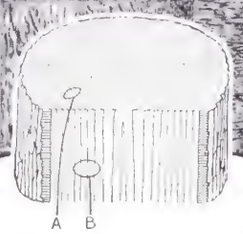
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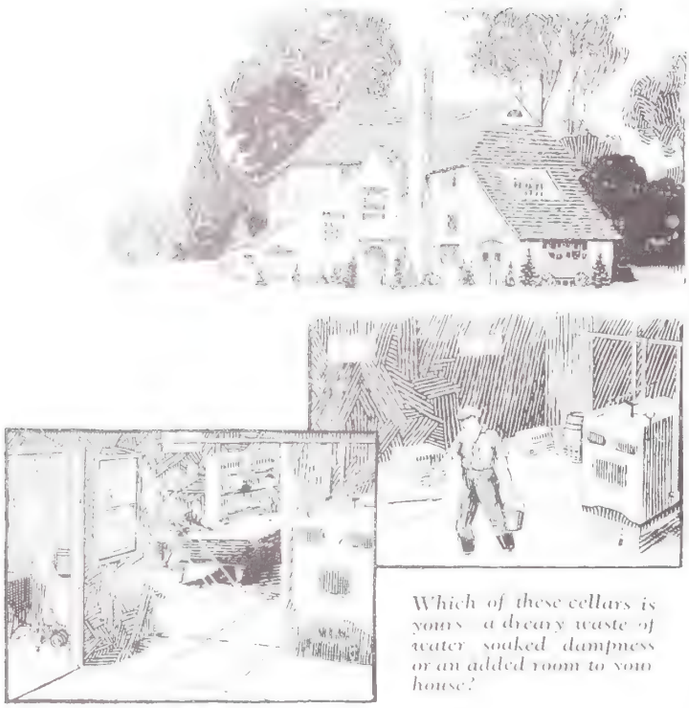
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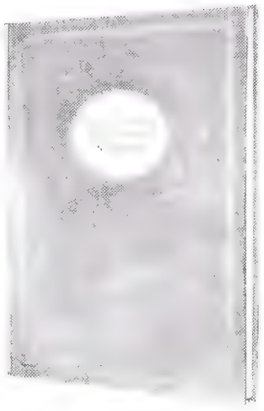
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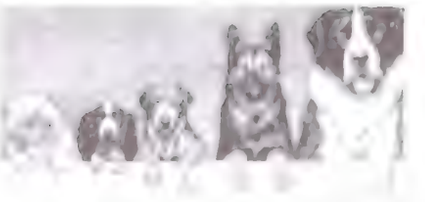
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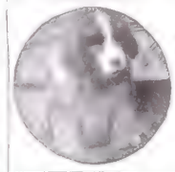
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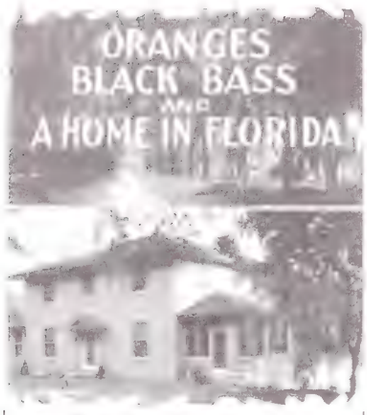




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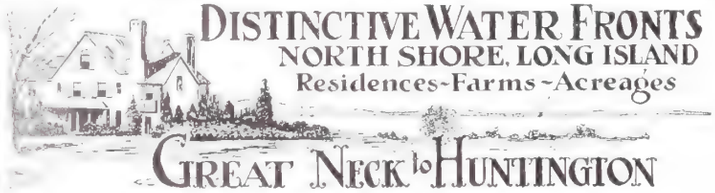
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HOUSE & GARDEN

RICHARDSON WRIGHT, Editor

FEBRUARY, 1928

LAST year a competition was held among artists for a statue to the Pioneer Woman, the typical frontier who trudged the dusty plains of the West and helped found our cities beyond the Mississippi. She was a picturesque figure, this woman. Historians even presume her foot-gear. We are told that her like will never be known again.

Yet of late years we have come across a new race of Pioneer Women who, in their way, are building another empire, breaking down another kind of frontier. We refer to the wives of those men who willingly give up living in cities and undertake all-year country existence.

More and more people are acquiring country homes. Each year they spend longer periods there. Finally comes a day when they decide to forsake the city and its ease of living altogether for the health and tranquility of the countryside. Then it is that the [illegible] gives them the new Pioneer Woman.

The women of the plains acquired self-reliance and assurance that ever since has been proverbial. They were prepared for any eventuality. They had contempt for fear. Their resourcefulness could laugh at unexpected demands. They learned to do things with their own hands—and no nobler skill can any [illegible] woman attain.

This same assurance and resourcefulness are found in the new Pioneer Woman. She knows the necessity of turning to cheerfully when servants desert, she must be able to meet demands made on her. She is as quick on the self-starter as her sister of old was on the trigger. [illegible]

PUBLISHED MONTH
CONN., EXECUTIVE
OFFICE, GRAY
PRESIDENT,
TREAS.,



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Many who have enjoyed it declare it to be the last word in assorted chocolates—their ideal. Whitman's makes a gift distinctive, delightful—a valentine to be enjoyed and remembered.

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Whitman's Chocolates



PINK OF PERFECTION

The Bulletin Board



Of late the [illegible] many American homes, employ a delightful contrast to [illegible] Where not [illegible] quite likely to come upon furniture, frieze, wall paper and [illegible] that would [illegible] Sheraton and the Adams to insanity or suicide. To state it concisely, Modernism has arrived.

[illegible] overnight vogue of a [illegible] style in decoration. One [illegible] to dismiss it quickly, [illegible] character of the [illegible] furniture [illegible] so [illegible] weird and strange, there is likely to be more than mere faddism behind it.

Such an underlying merit unquestionably exists in the Modernist style. Just now, in the early rush of its popularity, we may make some mistakes in selection and design, but already there are signs of [illegible] to bed-rock, to an [illegible] of mass, line and color [illegible] ence between beauty and freakishness. The future of sane Modernism [illegible] its development with an interest that is all the more keen because skilled designers in more than one American factory and textile mill have set themselves the task of producing the style in terms of the United States. Already the results of their study are becoming apparent. By another year there [illegible] how far the [illegible]



If it be possible to tell [illegible] then is it quite feasible to determine a gardener's standing by the degree of his off-season enthusiasm. For the man of [illegible] dyed in the wool of horticulture is never, even in midwinter, more than a thought's breadth away from plans for the warmer months to come.

To such a person [illegible] full of encouragement. What though he feel in all its frostiness the truth of the old country saying to the effect that "as the days begin to lengthen the cold begins to strengthen"? The important point is that the space from sunup to sundown *is* greater—almost day by day one sees the growing difference, now. Even in city canyons the [illegible] sunlight on that pavement which a fortnight ago was all in shadow, a greater brightness of the [illegible] when one [illegible] tomed evening hour.

Small matters, these, and [illegible] world of swirling business and social [illegible] Perhaps. And yet, we [illegible] their insignificance. They reach deep with [illegible] sometimes send our [illegible] strangely thrilling surge. After all, the [illegible] any influence upon human souls and [illegible] the only true measure of its importance.



In not a few quarters [illegible] attribute our predilection for the [illegible] of England and France to [illegible] own Anglo-Saxon origins, [illegible] to reproduce British houses in somewhat [illegible] spirit that we venerate. We [illegible] well, we are said to favor them merely for [illegible] ican mode of life. Furthermore—and we like to believe that this is a paramount reason—they find [illegible] climate into which they fit as naturally as a duck does to water.

Any good architectural style is a reflection of the land and people which produced it. Transplant it to radically different [illegible] and it fails to satisfy. Thus, the subtropically [illegible] Spanish or Italian house is a freak [illegible] on the New [illegible] Norman home would be an [illegible] the Pilgrim [illegible] cannot do violence to the [illegible] which now [illegible] the creation of an [illegible] and hope to escape just punishment.

We in America have [illegible] these matters. We still have [illegible] of that freakishness which [illegible] Swiss chalet is [illegible] our [illegible] countryside, we have had [illegible] Moorish, Byzantine and [illegible] This [illegible]









MODERNISM IN THE LIBRARY

A small octagonal library furnished in red lacquer with silver trimming and carpeted in black. The novel writing table which affords ample space for books and magazines reflects the spirit of the room. In the home of Mrs. G. Macculloch Miller at Old Westbury, Long Island. Frankl Galleries, decorators.



WHERE TO PLACE SHELVES

Upon the Decision [illegible] Depends Much of the Charm of Your Home

By [illegible]

IN no way of interior [illegible] American home [illegible] in varied and entertaining [illegible]. A few years back practically [illegible] were covered [illegible] and on its unbroken [illegible] Japanese prints [illegible] ive. From this dearth [illegible] have risen to better taste [illegible] has [illegible] the lines of built-in [illegible].

This taste for [illegible] appreciation of their practical uses and an understanding of the part they play in the decorative scheme of many rooms. We definitely associate them with rooms in the Georgian style of architecture and in some [illegible] For, after all, that is the purpose of [illegible] the little boxes and the chevet books [illegible] do not belong on tables. How may I [illegible] the m? How will they [illegible] "I forgot" [illegible] the spaces below the [illegible] period of lathing and plastering than to [illegible] out the walls later.



Perfect balance is seen in this book-end at a living room, which to that balance an organ-like quality comes from the grilles below the shelves. It is in the home of Leona Whittier, Elmira, N. Y. Agnes Foster Wright, decorator



If one has a valuable collection—and collecting is more and more becoming prevalent—it is much safer to put it on built-in cupboard shelves than risk it on an étagère which some night may come crashing down. And an exceedingly valuable collection may even have an adjustable locked front glass face to its shelved cupboard.

The value of keeping books on proper shelving is obvious. Books lying around on a table, with daily dusting and handling, soon show wear. If we have a set of books, our eyes unconsciously catalog them and one is soon missed, whereas, strewn around a room, the set is often broken up and its value lessened.

Perhaps it is in bookshelves that we first appreciate the artistic contribution of shelves to a room. For a room where there are bookshelves on either side of a fireplace finds in the bindings themselves sufficient decoration. Here there is no need for a figured wall paper or patterned curtains. Color, l te and movement—one finds them ll in the binding of the books.

The usual and really the best arrangement for library shelves is to place them frankly on each side of the fireplace, the window opening or the center door opening. Balance always creates dignity and books, too, in their very nature, have dignity.

When the door or window openings have a flat top, it is an interesting variation to plan a semi-circular top to the bookcases on either side. Sometimes they can be given the beautifully coved-fluted tops of Georgian design. These may be painted a different color from the room, or may be marbleized. The same advice applies to shelves holding objects other than books. In a dining room where a collection of pewter was displayed, I marbleized the coved shelves in brown and black and on the edges of the shelves ran a line of pewter metallic paint. Green is an admirable color for the background of a silver collection. And tawny red is good for the lining of bookshelves—especially where pieces of copper are put on the top rounded shelves. In a Directoire blue and white room for a young girl, I lined the bookshelves built on either side of a large window opening with silver star paper on a deep blue background. For *objets d'art*, shallow shelves in a bedroom may house an ever-growing collection of porcelain cats or dogs or rose quartz or simple early luster sugar bowls.

Provide the shelves, and the collection will soon form. Stimulate the collecting

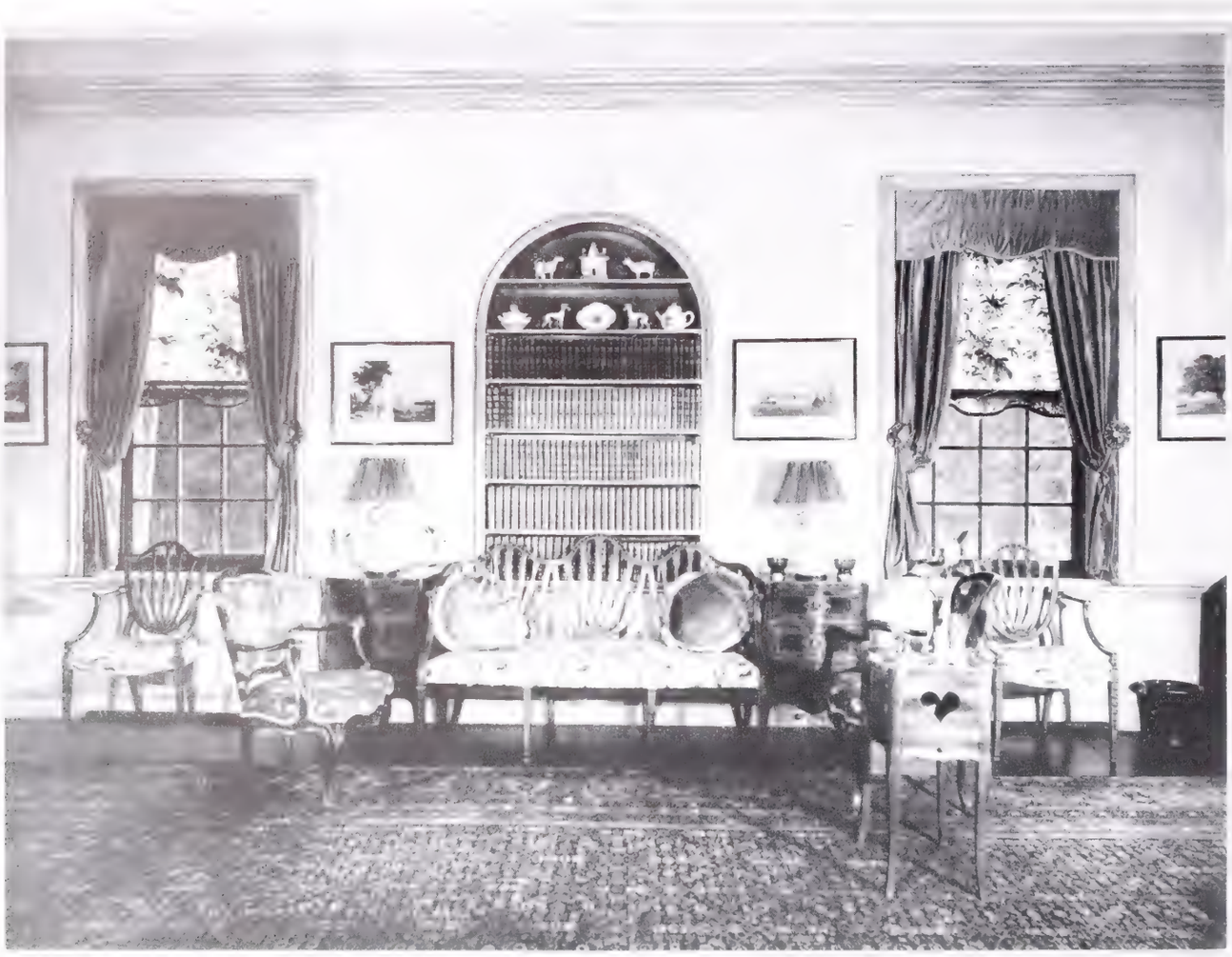


Simply but substantially constructed are these simple shelves built above a radiator, with their scrolled beading. They are in the living room of J. Allen Haines' New York apartment. Butler & Corse, architects











Early American pieces that are combined in this excellently planned bedroom are seen in the home of Mrs. Henry L. Batterman at Mill Neck, Long Island. The relationship of the windows is well carried out in proportion and placement. Tate & Hall were the decorators.



Open. There is a deal of architectural dignity in the pediment tops of these shelves. The home of Vaughn Nixon, Atlanta, Georgia. Henry Aller & Shutze, architects

A small collection is appropriately housed in these corner cupboards. They are in the New York apartment living room of J. Allen Haines. Butler & Corse, architects

urge by having many more books to start with than one has in a small collection. And to keep in mind the importance of the selection of the books to fill two or three shelves between "come" trave ties or other well-loved and valued pieces.

In some rooms of French extraction bookshelves are closed with doors of brass wire. An interesting grille from Italy or Spain used that wrought iron has a particularly open grille at home.

Shelves on which [illegible] books and [illegible] one's collection of books grows, is often an excellent option. In fact, there are often rooms in which shelves of books [illegible] be too heavy in scale [illegible] lighting, or other type of [illegible]

It is always best to have the book shelves flush with the wall [illegible] cornice and cove continuous, but this usually has to be planned when the house is being built. Yet often one finds a fireplace which projects into the room, and, in this instance, the bookcases on either side may be flush with the chimney [illegible] new cornice continued across the entire side of the room. Shaped tops of molding placed above the shelves will add much to the architectural richness of the room.

Another interesting top is a shaped apron which comes down from the top molding. In pine this is especially suitable, particularly if the upright divisions are also shaped. This style is desirable for Early American or French Provincial rooms.

If panels are used with [illegible] a grisaille painting may be inserted, set in with simple shaped or straight molding. So many wood-paneled book-filled rooms are made restless by distracting painted panels. Such rooms are crowded with too many interests. Therefore, the painting, if any is used, should be [illegible] the colorings of book backs.

There is often an excellent space which could be used for shelves if provided in the building of the house, but which is often overlooked: that is the space in a bay-window—on the returns of the bay. Such narrow shelves give an unexpected interest to the window treatment. The curtains may or may not be hung inside the shelves. A particularly interesting collection to put in such a spot would be colored glass. The beams of sun coming through the window

(*Continued on [illegible]*)





The [illegible] mandy dresser have [illegible] dining room shelves in the [illegible] house of Edwin C. Duble at Forest Hills, Long Island. Frank J. Forster, [illegible]

THE AGE OF STUFFINESS

[illegible] the Relation between Women's Costume and the Furniture of the Victorian and other Eras

[illegible] women's costume [illegible] Her entire costume, including shoes and ornaments, did not tip the scales at more than half a pound. Society amused itself (pretty [illegible] So little became her covering that the illness it caused was known as "Muslin Disease." However, a reaction to this scantiness was bound to set in.

Toward the Forties the graceful and languishing silhouette that characterized the dress of smart women began to spout flounces. With unabated vigor the spate of flounces increased both in size and number. Women were forced to don heavily-starched petticoats to hold them in place. By 1850 this flounce cataract had swollen to terrifying proportions. Under its pressure the levees of mere starch proved inadequate. Wire hoops were rushed to the rescue—moderate hoops at first, then larger ones. The hoopskirt spread like a mighty fountain around its wearer. It pre-empted every available inch of space. At social functions three women were about all a room of normal size would hold. Man was literally backed against the wall.

[illegible] by 1860 a lady of fashion could not hold up her head in society unless it was weighed by pounds. She was a poorly dressed woman indeed unless she wore "a flannel petticoat, an under-petticoat three and a half yards wide, a petticoat wadded to the knees . . . a white starched petticoat . . . two muslin petticoats and finally the dress." There is even recorded of this era a tulle dress that required 1100 yards of material. Thus did woman swathe herself in the Age of Stuffiness.

And just as costume rose gradually to this peak, so did it subside through the vagaries of the bustle and the kilted skirt until, layer after layer having been discarded, woman once more attained the freedom of her person.

NOW it is a striking coincidence that all this stuffiness in women's dress was contemporaneous with stuffiness in decoration. The sweeping drapery of shawls was accompanied by the swathing of windows in heavy draperies. The elaborate hairdressing, the deep poke bonnets gushing lace and ribbons, the absurd pillow muffs, the cascades of flowers, the dinky little parasols—all these belonged to women who took pride in the contents of their whatnots, the finery of their antimacassars on chair backs, and the Cabbage Roses sprawled over carpets. The hoopskirt, with its Niagara of flowers, was coincident with heavily overstuffed furniture. The padded petticoat was sister to the padded chair. The reticule was synchronous with furniture encrusted with seashells and picture frames made of gilded acorns.

It would seem almost axiomatic in the history of furniture that the style of female costume reflects the decoration and the decoration reflects the costume. The age that produced bulbous-legged [illegible] a constricted waist below which hung huge panniers held by whalebone hoops, this costume being called a "farthingale." The eccentricities of Louis XVI furniture are reflected in exaggerated headdresses and panniers of women of the time. When the French Revolution simplified costume, it also simplified furniture. The narrow, straight-line tight skirts that women wore before the Great War were reminiscent of the straight lines which characterized the Craftsman Era of furniture. Today—but today deserves a paragraph to itself.

AT no time in her varied experience with fashions has the female of the species known such freedom as she enjoys today. The short skirt, the bobbed hair, the little hat—all these have reduced costume to its bare essentials. False modesty has been jettisoned. The knee has become a thing of beauty, the calf a commonplace, the ankle a matter too well known to arouse comment. It is inconceivable that, having enjoyed this liberty, woman would ever return to the bondage of stuffiness. Yet there rarely was a time when she hung herself with so many ornaments, when the scant background of costume ever bore such a burden of jewelry, hat decorations and imitation flowers.

The same observation we have made of woman's costume may be applied to decorating and furnishing today. We are in an age of supposed emptiness, when non-essentials are banished from our rooms. The Modernist has reduced furniture to almost Franciscan simplicity. We use fewer pieces than ever before. The Early American urge has made our living rooms as barren as kitchens. Yet, hand in hand with this elimination of stuffiness has come the popularity of ornaments. There never was a time when our shops were fuller of non-essential doodabs. People are loading down their shelves and tables with all manner of queer or intriguing, beautiful or odd trinkets. The *bibelot* is wallowing in popularity. Boxes and china dogs, glass flowers and painted tin vases—scarcely a period have we overlooked in this hectic revival. Reproductions of 18th Century English cottage ornaments rub shoulders with cheap copies of Tanagra figures fresh from the faker's hands. Little tables groan with collections of *mille-fleur* paperweights come to us from newly-founded Czechoslovakian glass furnaces, via antique dealers. Of the tribe of little boxes, there are named ten thousand. The lamp and shade, the bottle, the picture, all are assuming a multitude of shapes to attract the eye and the purse. We are knee-deep in junk!

SO perverse is human nature that not for long can it abide simplicity. With one hand we rid ourselves of non-essentials; with the other we grasp at them. Scarcely have we left behind us the age of stuffiness than we yearn to be back in it again.

It would be a wise man, indeed, who could prophesy what turn women's dress will take in the next decade. We hate to think that the dimpled knee will be lost again in the obscurity of voluminous petticoats or that freedom of action will be willingly surrendered to the demand for heavily-draped clothes.

Nor can the average man foretell what turn taste in furnishing may take. Have we reached the apex of the Early American Craze? We think so. Are the hounds of Modernism close on our traces? It looks that way. What next? We cannot tell.

Meantime we are enjoying ourselves acquiring frivolous ornaments, and upon us, with kindling and sympathetic eyes, gaze down the shades of ancient ladies swathed in cascades of ruffled skirts, women in poke bonnets gushing fruits and flowers like Horns of Plenty, women upon whose knees the eye of man never looked!

RICHARDSON WRIGHT



[illegible]

[illegible] YARD

DESKS THAT REFLECT PERSONALITY





A Sheraton desk was old brass pulls attached to deep drawers whose half make it a happy choice for the lover of old pieces. The Hampton Shops



In the New York residence of Albert Bartlett, a corner of the living room houses his mahogany Empire desk and Italian chairs. A goatskin rug lies before the desk. Decorated by Mrs. Buel and Albert Bartlett

FOR WRITING TABLES IN MANY ROOMS







This bright little morning room is the home of Mrs. Goldsmith Andrews. It is said was built around old glazed doors and mantels found in Paris by a light walnut bonnet desk. Dan Cooper, says. Her decorator



The chairs in Mrs. Clifford D. Caldwell's windowless dining room are Chinese Chippendale, lacquered dull gold or silver. Drapery fabric, Toile de Jouy, is used as a wall hanging between the windows

WITHOUT BENEFIT OF WINDOWS

A City Dining Room in Which an Unusual Plan of Decoration Solves a Difficult Problem

MARIAN H. GREEN

THE [illegible]

"Dim [illegible] complexions," [illegible]

[illegible] Obviously [illegible] ish its power and feature its good points [illegible]

[illegible] figures in them and alternating mirrors [illegible] three of us, the artist, my associate and I, then began seriously to measure, to draw elevations and finally the sketches were ready to be submitted to our clients.

[illegible] corners, which was the suggestion of the artist, we seemed to achieve grace and yet a [illegible] over the too [illegible] of the door. [illegible]

[illegible] distinguished and interesting feature, which is an architectural necessity. Of course, the adjoining breakfast porch is full of windows.

The wide door openings at both ends of the room meant very diminished wall spaces on either side of the doors. We decided to place fixtures in these spaces to give greater importance to them. Fortunately, our clients decided to let us purchase very beautiful old Waterford glass appliques for these spaces and an equally fine crystal [illegible] of the same make and period.

Now for a floor covering which would be sympathetic with the painting of the alcoves—apricot, light henna and peach colorings—as well as with the marbleizing of the dado in similar shades. We felt that an antique Chinese rug was the obvious thing. We found one. To us it was very beautiful indeed.

The furniture is 18th Century English. The chairs are very restrained Adam covered with needlework in pistachio green with black and apricot checks. The frames of the chairs are dull gold or silver lacquered. The table, the sideboard and the consoles are in brown mahogany and have an extremely delightful patina. It seemed a great triumph when we found a dining table and consoles with double lyre supports. Between these lyres is mirror [illegible] a rare conception.

May I make bold to say that the windowless dining room does not give you the impression of lacking so important a feature? We feel that we have conquered the deficiency and exaggerated the balance by the painted alcoves, by very subtle and beautiful color values, by distinguished and exquisitely formed furniture, a crowning feature of which is the peerless Adam mirror over the sideboard, so that we believe an utterly unprejudiced person would acknowledge the room to be comfortable, cheerful and distinguished.





The Room of ... is ... the ... illustrated ... reading ... Museum ... by the ... appear ... and ... ring. Wall fix- ... Ware- ... Mus- ... Co- ...



BIRDS IN CERAMIC AVIARIES

Colorful and Decorative Pottery Birds Were Much Sought After During the Last Two Centuries

GARDNER TEALL

ONCE, when I was [illegible] I was taken to [illegible] many miles away. It was a visit I [illegible] Certain impressions made upon me at that time remain in the memory [illegible] I can recall the [illegible] I suppose [illegible] drawing-room, [illegible] with a [illegible] on the garden side. I say the finches were Chelsea ones; as a matter of fact I was [illegible] composed by Mnemosyne that I have felt, time and again, that those earlier ones must have been Chelsea finches, and so I think they were. Moreover, it is quite likely that my grand-aunt would have had Chelsea [illegible] to a certain small ceramic songster which perched on [illegible] in our own home; they may [illegible] down to us from the family tree.

As to the porcelain parrot, I can fancy a [illegible] to be seen Minton's, at least in these after years I have seen sim- [illegible] that when kept [illegible] my grand-aunt's drawing room.

At the time of that memorable visit, I may have been five years of age, surely not older. But even then I loved birds dearly, and I had only recently discovered from the window of my playroom the nest of a pair of golden orioles, and had watched their comings and goings with excited delight and never-ceasing wonderment at their sweet song. This it was which made me secretly regret to be leaving them, even with such a thrilling adventure before me as a first visit to my grand-aunt. Perhaps the porcelain birds on the mantelshelf took the edge from any homesickness that may have come over me, and then there was the porcelain parrot which lent a note of entrancing color to the Nottingham curtains and made me feel quite sure that I should really enjoy this visit.



My grand-aunt must have been a wonderful woman, wonderful to little boys, for who but her own dear self had understood a child's love of birds so completely as to have read the message of my eyes, as they traveled back and forth from the

(*Continued on page* 110)





Two little green parakeets are [illegible] amidst a thick [illegible] of tropical flowers and foliage. An [illegible] Century group in Chelsea porcelain









Many Amusing Pieces of Old [illegible] are Illustrated in this Volume







Parrots appear to have been favourites with the 18th Century Continental porcelain workers. The one at the right is extremely ornate.



MUSIC ROOMS WHOSE

TYPES CONTRAST

to a deep border. Modernist furniture, paintings







WHERE PIANOS FIT

INTO THE SCHEME



IN THE MANNER OF THE LOUIS'

Over the mantel of this drawing room is an old tapestry, in the manner of Louis XV and Louis XVI. Over the doors, each in Venetian decorations of gold [illegible] with yellow panels on a green ground, is an old Aubusson tapestry. Wm. Baumgarten & Co., decorators. Piano by Weber. Courtesy Aeolian Co.



THE RESULT OF SKILLFUL PLACEMENT



Mahogany Hepplewhite settee in the Metropolitan Museum, and a pair of chairs of the same period in the sitting room of Mr. A. Victor's New York home. Robert Ross, Decorator.





(Left) A Directoire sofa in satinwood pink, mauve and copper chintz forms the keynote of this attractive corner. Tyler & Hall, decorators

(Above) Balance is the keynote of this English living room with Jacobean and Queen Anne chairs and comfortable sofas. Ardex Studios



Contentment would ease are suggested by this room where the peach colored linen sofa and window drapery respond to the sunshine. Mary Hall Veld

GROUPING FURNITURE FOR INTIMATE COMFORT



setting are grouped a Louis XVI soletable, a Louis XV ask seated Hepple-





WELL

FORM



Lemon yellow. Furniture gray enameled steel, table top

bourgeois, decorators





shown at the left, this 18"

parchment shade. Or it can have a shade of blue frosted



To supply the modernist room with a table one might choose a model that stands 36" high,

finish. Glass top in various colors. Bouy, Inc.



FURNISHINGS FOR THE NEW INTERIOR



COMMON CHAIRS OF EARLY AMERICA

We Still Prefer Those Which Are Better Adapted for General Everyday Use Than Are Those of Colonial Days

ETHEL T. FISCHER

Pilgrim and Puritan [illegible] practically no [illegible] in America. The exception to the rule was the Dutch, and the early settlers, whether rich or poor and whether they landed in what is now New England, New York, or further to the south, could bring with them only the very scantiest necessities, and chairs at that time were certainly not considered necessities.

Although the Jamestown settlement [illegible] colony, because it was made up of gentlemen who had the get-rich-quick fever, and [illegible] America their permanent home, brought no ar- [illegible]

[illegible] N. Y. [illegible] Hope, Captain [illegible] brought over thirty settlers and their furniture. Shortly after this time, other groups came to this vicinity. It is said that the first three hundred settlers represented eighteen nationalities, so their furniture would doubtless be of great interest to us had it survived. However, no authentic pieces remain except a chest clamped with bands of [illegible] Philadelphia.

THE FIRST HOUSES

[illegible] Massachusetts Colony are therefore the ones to which we turn for examples of America's earliest furniture. It is quite certain that the [illegible] to bring any furniture with them except the chests in which they carried their clothes and valuables, on which they sat and even sometimes slept. However, as other ships brought more people to these shores, space was found to carry furniture. Among these pieces were a few chairs. In England and among the middle classes in Europe at this time, chairs were a luxury; a chair was still considered something in the nature of a seat of honor and placed the sitter a little apart and above the others. Stools were [illegible] most [illegible] numbers—in fact, the early inventories show conclusively that this was the case, though very few of them have survived to this day. These stools were used as seats at table and for the general use of all members of the family other than the father and occasionally the mother, who occupied chairs. Three-legged stools antedated the four-legged style and were used in Europe for centuries as were three-legged chairs. Illustrations of these are shown in figures 1 and 2 on the opposite page.

The first building to be constructed in Plymouth Colony was a common log house which sheltered most of the company; but soon separate log huts were built of green timber hewn with axes. These dwellings consisted of one or two rooms with walls about two feet thick.

THE FIRST HOUSES

The outer timbers were heavy, roughly squared pieces and sometimes the interior was lined with hewn planks; often, however, there was but a single log wall, the chinks of which were filled with mud and moss. These materials formed a rather unsatisfactory filling and sometimes openings were left through which the winter winds blew. The story is told of a man who had his head badly scratched while he slept by the teeth of a hungry wolf, who had managed to thrust his nose between the logs of the hut.

The windows of these houses were placed high and were few in number. Oiled paper which was used largely in England at this time, took the place of glass. Outside the windows, and often on the inside too, were heavy wooden shutters. These gave protection both from the cold and from attack by Indians, but must have made the interiors very dark indeed. It is probable that during the coldest weather it was necessary to depend for light upon the fires, pineknots and candles. The pineknots were certain pieces of pine rich in pitch, called candle wood, and saved for lighting purposes. On account of the smoke and pitchy drippings, they were burned in a corner of the huge fireplace. This fireplace was the center from which everything radiated; there the cooking was done, near it the family ate, and some of the members even slept close to it in "turn-up" beds which were ordinarily hooked against the wall in the daytime.

Weaving and dyeing were early industries in the homes. Bright colored hangings at windows and on the walls not only kept out cold but added cheer and gave color to the room. Bright cushions on chests, stools and chairs added to the effect; pewter and chinaware, imported at an early date, reflected the light and soothed that feeling for the niceties of home-comfort which is instinctive in the English heart.

Some of the earliest common chairs brought to this country are named for the men who first used them here. Illustrations of these are the Brewster and Carver chairs pictured in figures 3 and 4. They are of the turned spindle type, the Brewster having more spindles and a wooden seat, while the Carver chairs have rush seats. Construction and underbracing of both types are heavy, but the spindles tend to lighten the appearance. The Carver chair style was also followed out in what are known as side-chairs, or "lady" chairs. These are smaller and sometimes lower and have no arms. They were set against the wall when not in use and were probably used mostly by the women of a household. An example of a typical Carver side-chair is shown in figure 5.

The clumsiest of the early New England chairs appears to have been the slat-back, figure 6. No spindle turnings lighten its appearance, and the back slats are blunt and thick. This style, however, persisted much longer than the others, and became lighter and more attractive in appearance during later years.

PRACTICAL NEW ENGLAND

The New England furniture of this period, and particularly the common chairs, typifies traits of the settlers. They are staunch and sturdy in character, for practical everyday use by a practical and necessarily matter-of-fact people. These chairs are somewhat unbending and rigid to be sure, but attractive in their integrity, and used by plain-garbed, sober-minded folk, who however hard and uncompromising they may have been, were four-square in their conception of right and the purpose of their lives.

As the settlers gradually brought the land to a state of cultivation, as the Colonies began to prosper and skilled workmen to appear—coming mostly from England, more comfortable houses and more comfortable furniture became general. By 1670 many better homes had been built. These new houses were rectangular in shape, with three or four rooms on the ground floor and the same number above,

(Continued on page 118)











Chairs in the Collection of Colonial Arms, patterns and [illegible] Countries, Brit[illegible] ry of settlers [illegible] Islands, etc. [illegible] land, the settlers [illegible] and chairs may [illegible] English Settlers















Utilizing the design of leather shown above it, this walnut armchair embodies the richness of the period it represents. The Shaw Furniture Co.



Upholstered [illegible] is another [illegible] adapted to old [illegible]





LEATHER UPHOLSTERY ADAPTED TO MANY PERIODS

In the sketch above [illegible] this small three-piece [illegible] XV [illegible] painted white [illegible] From Bassompierre











THE CARE OF A SUCCULENT GARDEN







The straight graveled walk is flanked by a double row of Callas with Hollyhocks and other tall plants just behind them. Trees form an effective background and serve as a foil for the varied color effects of the gay blossoms near at hand



PLANTED IN CALIFORNIA



On a level slightly lower than the house with Chrysanthemum garden where an excellent collection of these plants is grown under conditions which make for the development of especially handsome blooms well displayed







[illegible] Closely placed rocks completely conceal the concrete tank which underlies the entrance garden on the hill. The crest was excavated eighteen inches deep. It contains different soils

Along the top of the bank at the lower edge are broad sweeps of Phlox subulata alba, backed by trees and shrubbery. Here and there among blossom masses a gray rock shows naturally



A FAMOUS CANADIAN ROCK GARDEN

Beside the Falls of the Little Otter from Her Own Drawing

Reading Made by Mrs. Morgan for Miss Hutchinson

HERBERT DURAND

ON the shores of the Lake of Two Mountains, about twenty miles southwest of Montreal, Mr. [illegible] Morgan has created [illegible] rather a series of rock [illegible] been visited, studied and [illegible] feet by the expert [illegible] World and the New. [illegible] beauty of these gardens is largely due to their ideal setting of virgin forest through which a dozen vistas [illegible] broad waters sparkling [illegible] distant mountains whose [illegible] to melt into the azure of the Canadian sky.

When Nature planned this lovely spot she did not stop with mere scenic achievements. With apparent prescience [illegible] embellishment, she deposited within easy access everything needful [illegible] and harmonious construction [illegible]

posited their debris here, and so I find water-worn boulders of many types and

are scattered [illegible] masses of weathered limestone which are

both acid and neutral in reaction, to

place of less [illegible] than fifteen years ago. It is

known as the Bennet farm. As [illegible] the many distant views [illegible] waters of the lake and [illegible] the land boundaries give a very distant impression of extent in all directions. Yet

lawns, a tennis court, a hardy perennial

delightful and useful features, to all of

FALSE ANTIQUES OF THE MIDDLE AGES

How the Discovery of America Led to the Antique Market, the Manufacture of Fakes Grew To Be A Flourishing Industry

EDMOND HARAUCOURT

So [illegible] that the commerce in fakes would retain an exceptional character. In order that the [illegible] into an industry, the number of collectors must needs have multiplied to the point of exciting competition among purchasers and cupidity among sellers. In other words, the taste for antiques had to become a fashion. In modern France this craze had its birth [illegible] it has had an enormous extension, due in fact to young and wealthy America, which came into our market with a monetary power hitherto undreamed of. Almost immediately the industry of fakes grew suf-

Is such a phenomenon new in history? No, certainly not. Similar movements had outlined themselves, under impulsions that were very different from those of our day, but which, on the whole, resulted from very much the same characteristics of infatuation and competition.

[illegible]

It is a well known fact that in the times of the Roman Emperors, the antique spirit of Rome was transformed, thanks to the invading Hellenic influence. The capital of the known world not only welcomed the philosophical and religious ideas which came from the Orient, but herself in turn became infatuated with works of art, imported after her conquests. From the time that Greece lost her political liberty, all her activity was concentrated in the domain of the intellect, and this mental efflorescence could hardly fail to seduce the conquerors; everything that could be carried off was transferred to Rome: ideas, [illegible] tastes and morals; masterpieces were at a premium. In order to increase the supply of such pieces, copies became common; there was an immediate demand for Greek statues to crown the baths, the circuses, to ornament the public gardens as well as the private residences of rich patricians. Innumerable artists, recently arrived from [illegible] studios where they chiseled marble blocks into modern imitations of the antique. Our [illegible] although

T[illegible]

pastiches which were the fakes of their time, but have since become authentic.

Later—much later, say a thousand years afterward—a new period of falsification was born, and the commerce in false antiques took on an intensity which doubtless will never be seen again. It raged from the 11th to the 14th Century; we might even go so far as to say that it was the only international commerce of the times. But the objects so passionately sought after were unfortunately not works of art. They were of purely religious character. It was not for their beauty, but for their holiness, that they were so ardently demanded; it was not the love of art that accredited them, but a force far more powerful, far more mystic: faith! And it was not only the privileged class of connoisseurs which clamored for these precious objects, but the people, the unanimity of Christian peoples. The cult of Holy Relics dominated the entire popular thought of the Middle Ages.

It is impossible to comprehend anything of the psychology of this period, or of the existence of our forebears, if one mistakes the mental, moral and physical importance of these relics, the part they play in private and public life. But as soon as one accepts this point of view it is easy to conceive how this universal credulity was made the most of by unscrupulous fakers who inundated the markets with objects which cost them next to nothing and which they disposed of at a maximum profit.

Let us try to remember for an instant that the medical profession did not exist, that illnesses were not considered as manifestations of Nature, but rather as the witchcraft of the devil. The only way to defend oneself against tricks of Satan was to obtain the protection of a saint, who by intervening would combat the evil spirit. To cure a malady of any kind it was, therefore, necessary to approach a relic or, better still, to touch it. Each saint had his specialty —the efficacy of his intervention was usually explained by the circumstances peculiar to his martyrdom. It was thus that ophthalmia, myopia, cataracts and blindness could be cured only by Saint Lucy, whose executioners put out her eyes. Toothache was the special dominion of Saint Appoline, whose teeth were brutally pulled out. Ulcers and leprosy were the province of Saint Roch, who was covered with sores. Burns were healed by Saint Laurence, who was roasted on the gridiron and Saint Sebastian cared for wounds caused by arrows. Sometimes, even, the therapeutic action of the saint had no other origin than the literal significance of his or her name. Saint Mamés gave milk to nurses, Saint Barbe prevented baldness, etc. etc.

[illegible] HOLY RELICS

Nor was the action of these Holy Relics completely medical: they guaranteed against all sorts of enmity, sorcery, attempts at poisoning, temptations to sin, and the unhappy and unfortunate results of a culpable action. They also protected one against wounds in war, or in duels, and procured success in enterprises undertaken. It was therefore a necessity, cost what it might, to possess as complete a set of relics as possible in order to be armed against all eventualities. It is easy to conceive that under such conditions unscrupulous dealers, or men-at arms returning from the Crusades and pilgrims whose travels had taken them to Rome or to Palestine, should have brought back with them from those distant countries any quantity of infinitely desirable relics, whose authenticity it was not easy to verify:

A piece of bone belonging to the third phalanx of the Saint Joseph's index finger; a hair from Saint Peter's beard; a pebble from the valley of Josaphat; another stone, which served to lapidate Saint Steven and "which crushed his skull when it touched it; a depression in the stone indicates the place of the shock" etc. etc.

No one, of course, ever thought of asking if the composition of the stone corresponded to that of the country from which it was supposed to come, for as yet geology was not known. The dealers in fakes were perfectly safe—all they had to do was to pick up a bit of granite or limestone, and baptize it to suit their demand. In crossing an old cemetery what was easier than to be on the look-out for bones, which might be those of a martyr! Peddlers laden with such goods circulated all over Europe,

(*Continued on page* 114)





Venetian residence of Mr. M... Lezinstrett. Mr. Lez...

NEAR THE GRAND CANAL IN VENICE





A magnificent old tapestry, charming antique furniture mellow with age, and tastefully selected accessories—candlesticks, lights, statuettes, boxes, etc.—all reflect discriminating selection

AN OLD AND COLORFUL ITALIAN PALAZZINA





dvancing the sec-
nd story leads
oom is this small
partment which
sed as a living
oom in bad weath-
r. Here, too, the
ame admirable use
f breaking the
oor [illegible]

A QUESTIONNAIRE FOR ANTIQUARIES

Being an Assemblage of Information Pertinent to Some of the Characteristics, Ages and Significance of Antiques

MRS. NEWCOMB B. COLE

[illegible]

FROM WHAT AMERICAN INDIAN TRIBE DID THE FAMOUS BOW POTTERY OBTAIN THE RAW MATERIAL, CHINA CLAY, CALLED UNAKER?

[illegible] 1744.

WHAT [illegible]

A small glass ball, open at the top, which was hung in the rafters in the olden days,

[illegible]

A candle made from the pith of a rush,

[illegible]

In the case of a death in the family the superstition prevailed that one must either drape the hives with crape while humming a mournful tune, or else simply knock on the hive, saying sadly the name of the departed; otherwise, the bees would die or desert the place.

WHEN WERE SCREWS GENERALLY USED IN DOMESTIC ARCHITECTURE?

In [illegible]

WHAT [illegible]

[illegible] an arrow was placed in the chimney to [illegible]

WHAT [illegible]

A flat, long-handled iron shovel used in removing the bread from the brick oven. Hence a "slice of bread".

WHAT [illegible]

[illegible] placed in the fire. It had a convex cover in which the hot embers were heaped. Hence [illegible]

WHAT IS THE DATE OF THE FIRST SEWING MACHINE?

[illegible]

WHAT [illegible]

A floor made of logs sawed in half, with the convex sides down and the flat sides up.

WHAT [illegible]

A padded bonnet placed on the heads of children when learning to walk on the hard, uncarpeted puncheon floors.

[illegible]

1827.

[illegible] *an ell has been added in the rear under a [illegible]*

IN WHAT WAS TEA BREWED IN ENGLAND BEFORE [illegible]

In small covered cups, such as are used in China today.

WHAT IS A MULE CHEST?

A chest standing on a base on which there were usually three or four drawers. A piece of furniture of the 17th Century, halfway between a simple chest and a chest of drawers. Neither one thing nor another.

WHAT IS A CONNECTICUT SALT BOX HOUSE?

A house of two or more stories, built after 1702, to avoid the Queen Anne tax on front and back windows above the first floor, with the roof coming down to cover the taxable windows, and always having a central chimney. An idea taken by a Connecticut Yankee [illegible]

WHAT IS THE MEANING OF THE NAMES APIGAIL [illegible]

Father's Joy. Father's Peace.

WHAT WAS THE NAME GIVEN THE SITTING ROOM AND THE KITCHEN IN THE OLD DAYS?

Keeping Room, because here were kept the treasures. Fire Room.

WHEN AND WHERE WAS MAJOLICA MADE IN NEW ENGLAND?

In Hartford, Connecticut, in 1850.

WHAT IS AN OGEE FOOT?

It is a foot made of a molding which consists of a double curve, convex above and concave below.

WHAT IS A SPATTER WARE?

A pottery in which the decoration was applied by "spattering" or shaking on the various colors.

WHAT DOES THE TERM SOUTH MEAN?

It was applied to designate the ceiling of a porch.

WHAT IS A BANJO CLOCK?

A clock made first in the form of a banjo by Willard and Son.

WHAT WAS A BANYAN?

An evening coat made of India print, which the Harvard students adopted until forbidden to wear it in the year 1754.

WHAT WAS A BLACK JACK?

A cup made of leather, resembling the leather [illegible] of a boot.

WHAT WAS A CALASH?

A collapsible bonnet made usually in hoop form, of taffeta shirred on reeds.

HOW DID THE TERM BANDBOX ORIGINATE?

From the small box (about 6" by 3½") made of hand painted wall paper and used to contain the white linen bands worn under a stock.

WHAT IS PUNK?

An excrescence or growth found on trees, used by the Indians and the early settlers in making cooking utensils. Also used for veneering.

WHAT IS A WAINSCOT OR PANEL BACK CHAIR?

The solid oak arm chair of the Tudor and Jacobean periods which was still made for a while after the Revolution. Used only by the head of the family.

GIVE THE NAMES OF EIGHT TYPES OF FEET USED IN OLD FURNITURE?

Claw and ball, Dutch foot, snake foot, hoof foot, Spanish, boot jack, pumpkin foot, onion foot.

WHAT IS THE MEANING OF THE TERM CABRIOLE LEG?

Literally, the meaning is to curvet or leap. In furniture, the term is applied to a curved or shaped leg.

WHAT IS A FARTHINGALE BENCH?

A broad seated chair without arms, made in the reigns of James I and Elizabeth to accommodate the large hooped dresses or farthingales.

WHY WAS THE COLOR OF THE CLOTHING OF THE EARLY SETTLERS CALLED A "SAD COLOR"?

Because, usually, they were of russet brown, red and tan—autumn colors.

WHAT WAS THE SIGNIFICANCE OF THE EMBLEM OF THE SHEAF OF WHEAT USED AS DECORATION IN ANCIENT DAYS?

Plenty In the Home—The Fall Blessing.

WERE WITCHES HANGED OR BURNED IN SALEM, MASSACHUSETTS?

Hanged, never burned.

WHAT WAS A SHIFT MARRIAGE?

In New England, a widow, in order to avoid the debts inherited from her late husband, would remarry at midnight, at the cross-roads, dressed in a shift—a custom recognized in Connecticut as late as 1836.

WHAT WAS THE ORIGIN AND USE OF THE ODD MASKS FOUND SO OFTEN IN THE ATTICS IN THE OLD DAYS?

They were adapted from France and worn in New England to protect the complexion, until 1645, when they were forbidden in Plymouth, Massachusetts, by the Governor.

WHAT WAS A HORN BOOK?

The first A B C Book in the world, used in America up to the time of the Revolutionary War. Its origin is lost in antiquity. Not really a book at all, but made of a small piece of wood which formed a background to the paper which was protected in front by a thin, transparent layer of horn, bound around with brass.

WHAT IS SLIP WARE?

A glazed pottery antedating tin ware, for use in a brick oven.

WHAT IS A HOLLOW-CUT SILHOUETTE?

One in which the figure was cut out of white paper, and a black background pasted behind.

GIVE TEN NAMES OF STAFFORDSHIRE POTTERS.

A. Stevenson, James Clews, J. and W. Ridgeway, Enoch Wood, Joseph Heath & Co., I. Myer, Thomas Godwin, Thomas Green, Ralph Stevenson, Joseph Stubbs.

WHAT IS THE DIFFERENCE BETWEEN POTTERY AND PORCELAIN?

Pottery is opaque, porcelain translucent

HOW DID THE CLIPPER SHIP GET ITS NAME?

Ships antedating the clipper ships rolled on

(Continued on page 130)

A LITTLE PORTFOLIO of GOOD INTERIORS



AN EARLY AMERICAN LIVING ROOM



Typically early American, the Revere room, from has 17th century fireplace. The opening of the fireplace shown above, is surrounded by attractive 18th Century Dutch tiles. Pewter bed warmers at the window simulate the patchwork of the quilt on the 18th Century day bed. Floor [illegible] room an old Colonial linen chest in [illegible]

N A RESIDENCE ON LONG ISLAND





GARDEN NOTES ON SEVERAL THEMES

From the February There May Begin a Quick Succession of Flower Happenings That Delight a Gardener's Heart

LOUISE BEEBE WILDER

THOUGH I DO [illegible] will bloom in a short time. The most expeditious is the Naked Jasmine (*Jasminum nudiflorum*) that requires only a day or two of genial warmth to open its yellow stars. Forsythia will usually bloom in a week, and if the buds on the Japanese Quince are at all swollen ten days indoors will materialize the most exquisite pale prototypes of the later more brilliant blossoms. Pale [illegible] blossoms will appear with quaint effect amidst the scarlet berries upon twigs of the Japanese Barberry. Prune the red-stemmed Dogwoods (*Cornus alba*) by cutting the long branches for the house; the brilliant stems with the pale young leafage that soon appears are very striking. *Magnolia stellata*, *Corylopsis pauciflora*, Spicebush, *Daphne mezereum*, Plum and Cherry are among the many branches that we may well enjoy indoors while it is yet winter without.

[illegible] be up and doing. Draw the [illegible] covering about the heads of [illegible] over the catalogs that will [illegible] open mind towards unknown plants and admit at [illegible] Some will prove permanent friends, others may be later [illegible]



Scilla sibirica and White Violets. A blue and white combination for spring. Both plants will seed and multiply by themselves

NATIVE SEDUMS.—We all know the easy and eager foreign-born Sedums in great numbers, especially we who have rock gardens, but the native species are seldom seen in cultivation, nor do their names, save in rare cases, appear in nursery lists. An effort is being made by a few appreciative dealers in the West to introduce to notice the num-













The Holm Oak, immortalized by Pliny, has Holly-like foliage and is one of the most shady of all evergreen trees. It should thrive in California and the warmer States

THE OAK—NEGLECTED AND MISUNDERSTOOD

That Oaks Are Among Our Most Desirable Ornamental Trees Is Fully Proved by Their Many Merits

ERNEST H. WILSON, V. M. H.
Keeper of the Arnold Arboretum

MONARCH [illegible] Oak [illegible] Europe [illegible] Eastern United States [illegible] where it reaches the Equator, but the species [illegible] those that we [illegible] Oaks [illegible] Many [illegible] and stateliness when compared with the representative trees of the whole world.

Our admiration and reverence notwithstanding, we have paid very little attention to Oaks [illegible] planting. Possibly because of the dignity and majesty of old giants scattered through this country and the parks of the Old World, where age and strength stand forth so prominently, the tree lover has assumed that Oaks grow too slowly for practical ornamental purposes. This fallacy is deeply rooted, yet it is a fallacy none the less. It is the experience of the Arnold Arboretum, which goes back for fifty-four years, that Oaks are the most rapid growing of all the deciduous-leafed trees. The oldest planted Oaks in the Arnold Arboretum were placed out some fifty-four years ago when they were seedlings [illegible] Now they are sixty feet tall. They are taller with thicker trunks than other hardwood trees, like Hickory, Walnut, Elm and Maple, planted at about the same time. The tallest of these are Pin Oaks (*Quercus palustris*), and the Oak tree which has the thickest trunk is a hybrid between the White and the Bur Oaks called *Q. Bebbiana*.

Some fifty years ago and less it was very difficult to obtain American Oaks in American nurseries, for being native trees they were neglected. If one wanted a Scarlet or Red Oak it had to be imported from Europe. Nowadays, fortunately, our nurserymen are somewhat more enterprising and a limited number of American Oaks can be obtained. However, something can be said for nurserymen since Oaks in general are by no means easy to handle. Unless transplanted with great regularity they are difficult subjects to move successfully. In the Arnold Arboretum, where many thousands of Oaks have been planted, the method pursued has been to raise the acorns in flats and when the seedlings are from four to six inches high plant them out in permanent sites. An even better plan is to sow the acorns *in situ*. The Red and Black Oaks transplant fairly easily but the White Oaks, most lordly of the clan, are exceedingly difficult to move. Still, with the modern appliances used by those who make a business of moving large trees, the difficulty, once formidable, is now virtually overcome. The experts in big-tree moving now move Oak trees, within certain limitations of size, as successfully as they do Elms. If anyone interested in roadside planting or in planting of parkways in suburban areas wishes to see the value of the Red Oak (*Q. borealis*) for this purpose he has but to visit Boston, Massachusetts, where double and in some parts triple avenues of these trees extend for several miles along the main Parkway. The Pin and Scarlet Oaks are equally good for this purpose.

In the Arnold Arboretum a complete collection of the Oaks hardy in Massachusetts may be seen, but we are too far north to make possible the growing of a very varied collection. Of the fifty-five species, which are trees and grow naturally in the United States, only seventeen have been established in the Arboretum. Among the Oaks which are shrubs and not trees, only *Q. prinoides*, the Chinquapin Oak, is properly at home. A few of the Rocky Mountain shrubby species just manage to exist but none give promise of success. No evergreen Oak can withstand this climate and the deciduous Oaks of Europe, except the Hungarian Oak (*Q. conferta*) are not free-growing and do not promise to be long-lived. The deciduous Oaks of northeastern Asia, however, grow well in this country and trees of half a dozen species are well established, the largest of which are *Q. variabilis* and *Q. dentata*.

The natural woods assiduously preserved

(*Continued on page* 156)









VEGETABLES FOR A CONTINUOUS SUPPLY

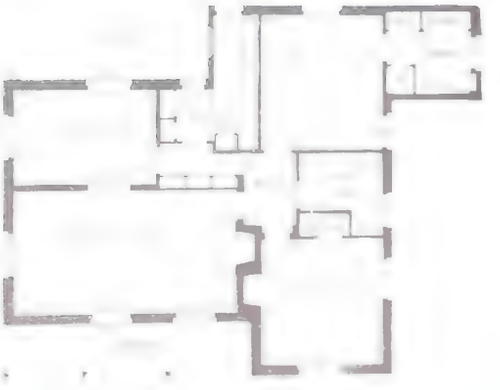
					SUCCESSIVE PLANTINGS WEEKS APART	AMOUNT OR NUMBER FOR 50′ ROW		DIRECTIONS
		April			to May	1 pt.	15″ x	In driest soil available cover first planting 1″ deep.
		May			to June	1 pt.	2″ x 4″	In driest soil available cover first planting 1″ deep.
						1 pt.	2″ x 6″	Plant with cool crown, when there is prospect of dry weather.
		April				50.	4′ x	Place poles before planting in rich hills; thin out.
		May				¼ pt.	4′ x 4′	Eye down in slightly raised hills; thin to best two.
		April			to May	1 oz.	1″ x	First planting shallow, about ½″ deep and thick.
					to May	1 oz.	1′ x	In dry weather, soak seeds; firm well; for winter use sow about three months before harvesting.
				P	July		2′ x	Transplant at four to six weeks; same treatment as late Cabbage; pinch out tops when "buttons" are formed.
				P		25	2″ x 18″	Set out well hardened off plants as soon as ground can be worked, fertilize in rows.
				P		50	36″ x	Light applications of nitrate of soda beneficial; to keep mature heads from splitting, pull enough to loosen roots.
		July		P		50	2′ x	Transplant from seed sown June 1st; use water in bottoms of holes if soil is dry; firm well.
		April			to Aug.		1′ x	Plant [illegible] deep; [illegible] early.
							1′ x	Select rich, deep soil to get smooth roots; [illegible] about 90 days before the harvesting time.
		April			July		2′ x	Enrich rows; protect from cutworms, [illegible] of water when heading.
		May		P		100	24″ x	[illegible] to keep stalks upright; blanch two weeks before using.
		June		P	July		2′ x 6′	Sow seeds six to eight weeks before transplanting, hill up, [illegible] water.
		May			to July		1′ x	First planting in dry soil; cover [illegible] deep; [illegible] to feed [illegible] any exposure if possible.
							2′ x	[illegible] or 4 stalks in hill; plant [illegible] be watered, [illegible] allow.
		May			June		2′ x	[illegible] to 5 or 6 plants; [illegible] hoe, stripped [illegible]
					July		4′ x 4′	[illegible] well, [illegible] picked [illegible]
		May		P			2′ x	Enrich hills; give plenty of water [illegible] to ripen.
							2′ x	[illegible] that leaves should be tied up to blanch for use.
							1′ x	Treatment similar to Turnips; thin out as possible; [illegible] 1″ apart.
							1′ x	Transplant at size of lead pencil to [illegible] well enriched trenches, hill up to bleach.
				P	to May		2′ x 6′	Sow [illegible] plantings, thin out early.
			nd	P	to May		1′ x	[illegible] Give plenty of water, [illegible] out as soon as possible.
							2′ x	Enrich hills with old compost and wood ashes, add sand in heavy soil; protect from striped beetle.
	Hearts of Gold	May					6′ x 4′	Enrich hills with old compost and wood ashes, add sand in heavy soil; protect from striped beetle.
					Jun		2′ x 2′	Enrich hills with old compost and wood ashes; add sand in heavy soil; protect from striped beetle.
		May					3′ x	Give warm, rich soil; nitrate of soda during early growth, treat like Corn; use pods while young.
		April				1	12″ x	Mark out drill; insert up to neck.
		April				1 oz.	12″ x 2″	Keep clean; top-dress with nitrate of soda, do not thin until well along.
		April		P		25	2′ x	Start seedlings and transplant to rich soil, give plenty of water.
		April				1 oz.	12″ x 4	Soak seed for twenty-four hours; cover very lightly, thin out early.
	Radio	April				1 pt.	30″ x	Cover first planting about 1″ deep; sow only a small quantity as wrinkled variety is better flavored.
		April			to May	1 pt.	2″ x	Dwarf varieties 22″ x 2″ make first plantings in light soil or on slightly raised drill ½″ to 1″ deep.
		April			to June	1 pt.	2′ x 2″	Make later plantings in trench, filling in gradually as vines grow, plant early varieties July 20 to August 10 for fall crop.
	Ruby King			P		25	1′ x 1′	Same as for Egg-plant; use good strong potted plants for both to get best results.
		May		P			24″ x 1′	Top-dress with nitrate of soda during early growth.
	Improved Hollow Crown	April				1 oz.	18″ x 1′	Select deep, loose soil or trench before planting.
		April				1 pk.	28″ x 1′	For earliest results sprout four weeks in sunlight before planting.
	Quaker Pie	May				1 oz.	2′ x 6′	Plant in rich hills; if space is limited, put near edge of garden, or train where vines can run along fence.
Radish, Early		April			to Sept.	1 oz.	12″ x 1″	Make frequent small sowings; work lime plaster, soot or wood ashes into row; take up and destroy roots not used.
		May			to June		1′ x	Thin out early; plant in finely prepared soil.
Radish, winter		June			4: to Aug.	1 oz.	1′ x	Roots for storing in winter should not be planted until quite late, as they are better both in keeping and eating qualities not overgrown.
	Golden Neckless	May			4: to July	1 oz.	15″ x	Excellent for storing for winter; culture similar to Turnip; late planting makes best quality roots.
Salsify	Sandwich Island	April				1 oz.	2′ x	Be careful to get seed thick enough; sow in deep, fine soil to get smooth roots.
		April			1: to Sept.	1 oz.	15″ x 4″	Sow in rich soil; thin first to 2″ apart; second thinning may be used for table; apply nitrate of soda.
	Golden Summer Crookneck	May			June	1 oz.	5′ x 2′	For bush 4′ x 3′ enrich hills; thin to two or three plants; protect from bugs.
	Delicious	May				1 oz.	6′ x 6′	Thin to two plants when vines begin to crowd; watch for borers; protect from squash bugs.
Swiss chard	Lucullus	April				1 oz.	18″ x 8″	Sow about half as thick as Beets; thin out as soon as well started; cut leaves in gathering 3″ or so above crown.
	Bonnie Best (Chalk's	May		P		1	4′ x 2′	Enrich hills; use plant support or stake; keep suckers trimmed off, apply nitrate of soda.
	Mangelobe	May				1 oz.	4′ x 2′	Use poison bait for cutworms before setting out; thin fruit clusters if fruit rot appears.
		April			to Sept.	1 oz.	12″ x 3″	Sow thinly and thin out as soon as possible.
		June			to Aug.	1 oz.	2′ x 4″	For winter use do not sow too early; two to three months before harvesting, according to variety.

DEFINITIONS OF VEGETABLES

"[illegible] usually about equally tall [illegible] so more [illegible] that [illegible] [illegible] [illegible]



A STUCCO
COTTAGE NEAR
SANTA BARBARA





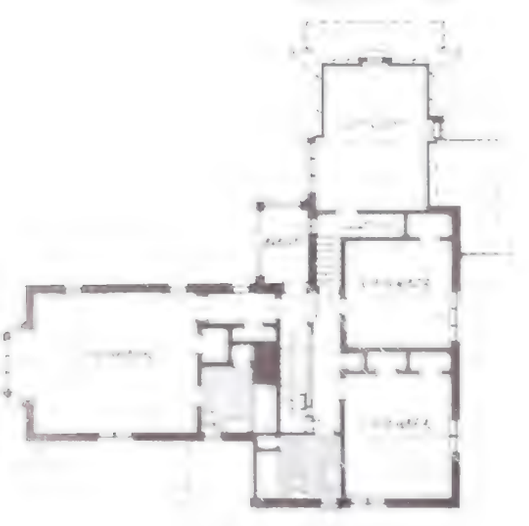


FOLLOWING NATURE'S LEAD

Nature's rock walls are never level and square in outline and their courses are never straight or regular lines. But large harmony of its surroundings, therefore, a [illegible] rule: Nature's plan in its exterior de-
[illegible] is true of the home of Dr. Hollis Dann at Dunwoodie, N. Y. Lyon Gardiner, architect




TERRACE
LIVING ROOM



The GARDENER'S CALENDAR for FEBRUARY

if for every one hundred miles north or south there be made a difference of from five to seven days later or earlier in operations. The dates given are for an average season

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
And veils the farm-house at the garden's end.			1	2 Narcissus, Crocus gardens planted in bowls indoors ought to be watered at least once a week. They love sunlight and should never have water standing in the bottoms of the bowls.	3 Grass-lands of all sorts need regular periodical enrichment to keep them up to normal. If manure is to be used, spread it on now while the ground is frozen and will show no ruts	4 Scientific horticulturists have demonstrated that the best grass lawns have an acid rather than an alkaline soil. The use of lime, it has been shown, encourages weed growth.
5	6	7	8 Flower and vegetable seeds that are a year or more old sometimes lose vital	9 One of the essentials in laying out and maintaining a well kept garden is a good garden line. The	10 If a real thaw melts all the snow, better look at the leaf mulches to make sure they are	11 Tree-lungers done to Boxwood and other semi-delicate evergreens by winter weather is due to the strength of the sun rather than the cold. Hence they should be
12	13	14	15	16 Real scientific operations on	17 Much more can be accomplished in a garden if you have definite plans	18 House plants that are not doing well may be in need of repotting. If so, put them in somewhat larger pots with
19	20	21	22	23 The Peacock Lily, one of the finest flowers that are	24 It would be clever to tried Tritonias (Montbretia is the old name) get some bulbs this year. They somewhat resemble	25 Time now to make up the hotbed for early seed planting. A sunny sheltered position is the
26	27	28	29 If you want to try some Dahlia	*The skies a drinking cup,* *That was overturned of old.* *And it pours in the eyes of men* *Its wine of dark gold*		*We drink deep at time all day,* *Till the last drop is drained up,* *And are lighted off to bed,* *By the pearls in the cup!* —*Richard Henry Stoddard*



[illegible]

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JACOB POMET

A native German who was chosen by the founder of the Physic Garden at Oxford to be its keeper. He died in 1679 at the age of eighty-one, after many years



AUGUSTIN GUILLAUME BOSC

French botanist, zoologist and agriculturist, a member of the Academy of Sciences and a professor in the Jardin du Roi. Born 1759, died 1829



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Campbell's SOUPS

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THE HOUSE OF SHOEMAKER, 119 W. 40th St., New York



By the shape of its head and the way about its throat, this beautiful bird is a Derby Chelsea porcelain

BIRDS IN CERAMIC AVIARIES

(Continued from page 74)

[illegible] piece [illegible] Chelsea [illegible] Without [illegible] upon my part—I had not been there long enough to venture upon any such [illegible] the boy [illegible] behind the bird [illegible] down for me to see at close range. Often I had been lifted up to [illegible], but this must have been the [illegible] that [illegible], precious [illegible] had been lifted down [illegible], and [illegible] of many [illegible] I was allowed to touch them.

One [illegible] day I was [illegible] that fine story of Sylvia Warner's, *Lolly Willowes*, and how it stole me to mind the porcelain parrot. Hers was Ratafee, the exotic bird which Lolly's great-great-grandfather had brought from the Indies, the first parakeet ever seen in Dorset. When it died it was stuffed, and "perched [illegible] upon the [illegible], he swung from the cornice of the china-cupboard [illegible] four generations of the Willowes family with his glass eyes. Early in the 19th Century one eye fell out and was lost. Then [illegible] which replaced it was [illegible], but after both [illegible] and [illegible] Ratafee had a rather boring look, but it did not compromise the esteem in which he was held."

But there was nothing dowdy about my grand-aunt's porcelain parrot. A gorgeous, perfect, well-eyed bird he was (as I remember him), his metal ring-perch always polished and glittering in the summer sunlight that streamed through the pattern of the Nottingham curtains in prismatic beams which avidly I used to try to catch in my hand, with the childish thought, perhaps, that they might be made into a nest for the porcelain parrot, or for his neighbors, the finches of Chelsea.

In one of his pleasant skits, Stephen Leacock has ingeniously undertaken to demonstrate that birds of a feather do not flock together. But in one particular instance they seem to have done so: A lover of old china, whose house is filled with beautiful things old and new, ancient and modern, has a veritable aviary of ceramic birds, delightfully arranged in a well-lighted inset wall cabinet. There are fifty or more

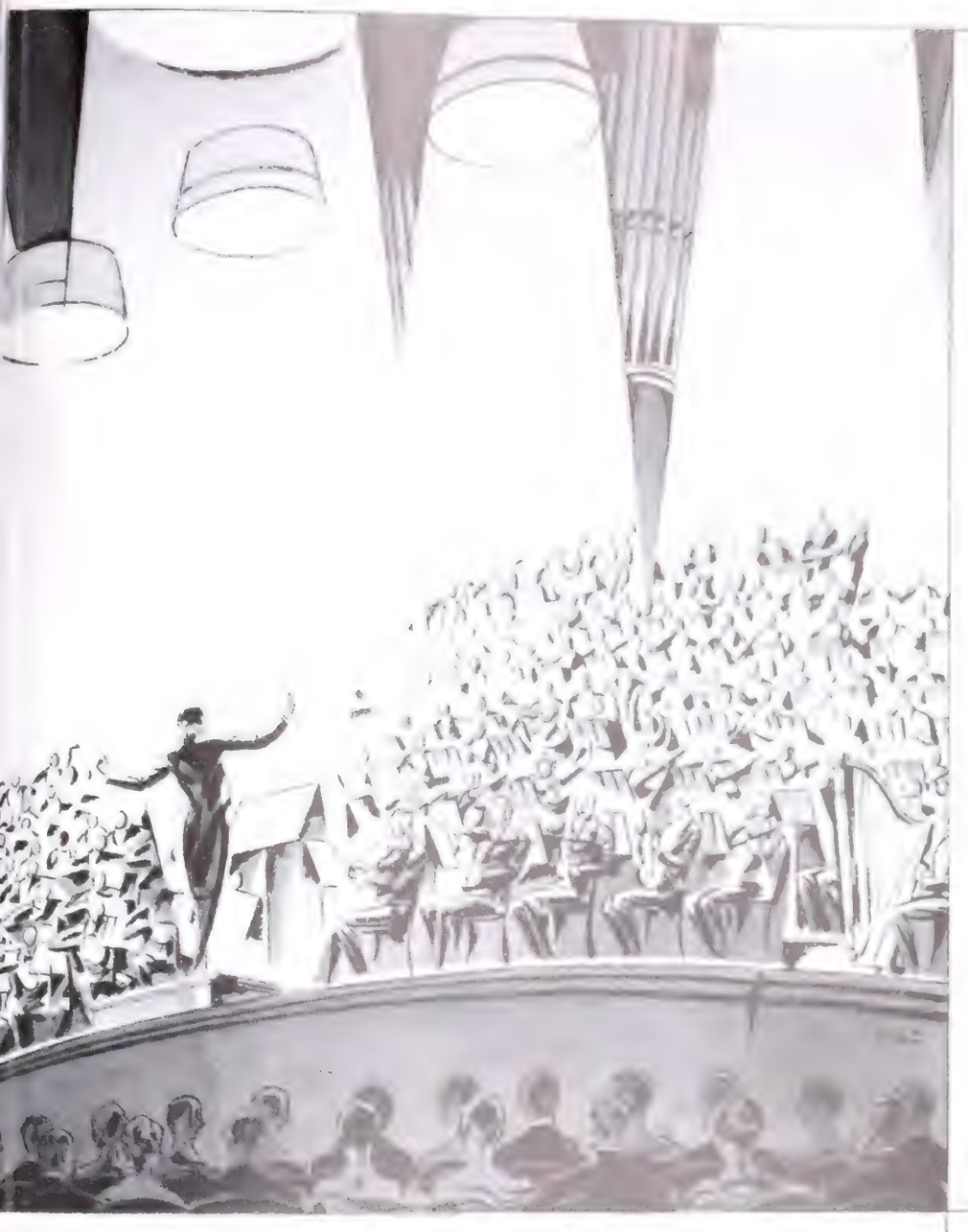
(Continued on page 130)



This Staffordshire piece shows four small canaries and one large, hollow one which may be used as a bird whistle



Even barnyard fowl came in for attention from 18th Century potters. Above is a cock in Staffordshire porcelain



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BIRDS IN CERAMIC AVIARIES

(*Continued from page* 110)

fine examples of porcelain and pottery in bird forms in this collection. Stephen Leacock might argue that these did not flock together, but were brought thither by the power and might of acquisitiveness, against which they were helpless. Well, I would then disagree with him because those inanimate pigeons, parrots, doves, larks, kingfishers, ducks, robins, finches, thrushes, starlings, nightingales and the like, all seem to have done their best to seek out this particular shelter; by which I mean that the lover of old china who devised this hospitable aviary appears to be possessed of a magic flair for discovering ceramic birds of unusual interest and rarity, of coming upon them in the most unsuspected places. So in his household it has come to be a family contention that instead of flying south when winter comes, birds of porcelain find it more convenient to perch in the cabinet-aviary of the drawing room. As one visitor expressed it, "Our friend's flair is like cuttle-bone to a canary," and so it seems to be. There one finds a Chinese roof tile in the form of a phœnix, Chelsea birds and birds of Bow, lovely German songsters of Nymphenberg porcelain, a Bizen ware duck from Japan, Staffordshire bird forms and birds of Delft, parrots of Capo di Monte from Naples, birds of Derby, a yellow lead-glaze 17th Century English pottery owl jug, an 18th Century English white salt-glaze and black slip hawk, hard-paste Royal Copenhagen birds modelled by Lücke, extraordinary leering ravens modeled by Martin, Dresden birds, a Leeds eagle, and others of great interest.

LABELING CERAMICS

This ceramic aviary may not be unique, but I have never seen a private collection of old china so well arranged to extend its interest to all who may look upon it. Each piece in the cabinet has by it a neat and typographically artistic descriptive label, and this label contains a reproduction of the mark on each piece which bears one. I think this would be an excellent scheme to introduce in the labels of our public ceramic collections. I do not know of a museum in America or in Europe which makes a general practice of showing on accompanying labels reproductions of the marks of the pieces they exhibit in their collections. This should be done, and when it is, museum directors will find the educational value of their ceramic exhibits greatly enhanced.

Perhaps the first ceramic aviary was in the celebrated Japan Palace at Dresden, the greater part of whose contents was purchased in Holland by the Elector Frederick Augustus I in 1717. In describing this Jonas Hanway wrote: "The vaults, or basement story, of this palace, consist of fourteen apartments, filled with Chinese and Dresden porcelain. . . . Perhaps it may be some indulgence to female curiosity at least to be informed concerning this brittle commodity, which has been so passionately sought for by the fair sex. But can this passion be deemed a folly, when we see eve mighty princes pride themselves in it (His Majesty of Prussia sometim calls his brother of Poland 'the Porc lain King'.) Here are a great numbe of porcelain figures of dogs, squirrel monkeys, wolves, bears, leopards, etc some of them as big as life; als elephants and rhinoceroses of the siz of a large dog; a prodigious variet of birds, as cocks, hens, turkeys, pea cocks, pheasants, hawks, eagles, b sides parrots and other foreign bird and a collection of different flowers. One might not have expected a mor arch who bore the surname o "Strong," and who had not the lea difficulty in breaking a horseshoe wit his fingers, to have been so passion ately fond of such sheer fragiliti as this "brittle commodity" of porc lain and pottery.

HAMPTON COURT

In the time of William and Mar there were exotic china birds in th collections at Hampton Court Palac The Queen, wrote Macauley, "ha acquired at the Hague a taste for th porcelain of China, and amused her self by forming at Hampton a va collection. . . . The fashion it mu be owned, which was thus set by th amiable Queen, spread fast and wid In a few years, almost every grea house in the kingdom contained museum of these grotesque baubles, and he went on to say that eve statesmen and generals were n ashamed to be renowned judges o teapots and dragons; and satirists lon continued to repeat that a fine lad valued her mottled-green pottery quit as much as she valued her pet monkey and much more than she valued he husband. Lady Mary Wortley wit her *Town Ecologues of the Toilet* w. one of these satirists:

"Straight then they dress and tak
their wonted range
Through India shops, to Motteux
or the Change;
Where the tall jar erects its statel
pride,
With antic shapes in China's azur
dy'd."

Howitt, in describing the old pal ace of La Favorite, some six mile from Baden-Baden, built by the fa mous Sybilla, wife of the Margrav of Baden, speaks of an old Delft din ner service there, many of the dishe of which had covers in the form of and painted to represent, particula birds, such as turkeys, peacocks, pheas ants, ducks, partridges and others, a well as fish, a boar's head, etc. An speaking of Delft, one is reminded o the very fine bird cage of Delft war in the collections of the Metropolita Museum of Art in New York.

Although seldom found in the shop some of the bird pieces of Cap di Monte porcelain are well wort the trouble of searching for. Lad Blessington once wrote of her visit t the palace at Portici in her *Idler i Italy*: "One of the saloons at Porti particularly attracted our attentio

(*Continued on page* 126)

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FALSE ANTIQUE

(Continued from page 92)

and their packs were veritable graveyards. Almost anything might be found in them, a bit of rope—the very cord that had served to flagellate Our Lord; an old nail—it came from the Crucifixion, a piece of old material, that from red had turned brown—the cloth belonging to Jesus, for which the soldiers threw dice, an old lance blade—it had pierced Our Saviour's side!

And it really happened that hundreds of nails thus piously revered were supposed to have been used in the chastisement of our Divine Redeemer. Great pots of fine wood disseminated in all the reliquaries of Europe were venerated as fragments of the True Cross, and their infinite number in no way prevented merchants from continually adding new fragments to swell the heap. It would have required a whole forest to satisfy the demand.

Such commerce was not only lucrative but extremely safe, since no one would have dared refute the authenticity of a relic. For the unbelievers there were too many risks to run, first of all, that of passing for a heretic, and also the danger of exciting the anger of the heavenly powers, for, were the relic found real after one had imprudently suspected it, therein lay an insult to the saint, who might wreak vengeance upon one. The saints of the Middle Ages were very susceptible and often became vindictive. Numerous legends, among others the Golden Legend, give us ample proof of this statement.

There was even more competition among purchasers than among sellers; when there was question of an important piece, and more especially a unique piece, the rivalry became terrible. The possession of a certain object was far more lucrative for its owner than it had been for its vendor; it drew a crowd of pilgrims who rushed to demand its aid. From all sides the sick hastened toward it, hoping for the miracle which would cure them, the proper offering having been duly deposited. Not only the monastery thus visited profited by it materially, but also the entire region surrounding it, the innkeepers, the bakers, the coachmen; the possession of a really good relic made the prosperity of a large district.

SANCTUARIES

Villages thus born about a sanctuary soon flourished and became cities; Boulogne-sur-Seine, near Paris, owes its origin to a chapel which was built in 1319 to receive devotion from Parisians of modest resources who could not afford to undertake a pilgrimage to Boulogne-sur-Mer, and who found here within easy reach of their capital a place of worship where they might conveniently implore and obtain the benevolent protection of the Holy Virgin.

Thus the monasteries, by attracting thousands of pilgrims with their relics, played during the Middle Ages the same sort of rôles as do the exhibitions, museums and art cities of our own epoch, which draw crowds of tourists within their privileged precincts. And that is how it happened that monasteries and convents rivaled each ot in wishing to possess certain souve of the saints, just as the museums today contend for a *chef-d'oeuvre.* dispute was often very bitter, and settled not with pounds and doll but with axes, swords and rapi Real battles were often fought ab religious communities or fortif churches, and all for the possession a relic which was carried off in umph by the strongest armed.

The manner by which one obtai a sacred object was of little imp tance, so long as one possessed o self of it. It worked its miracles the spot where it was kept and drew the crowds.

It is easy to conceive that competition, which was often cause of real bloodshed, was quite often the starting point of a fake. sometimes happened that an obj supposed to be unique might be fou in several places at the same ti Imagination aiding, no one was c able of telling which was the origi and which the false pieces. Each possessed its passionate implorers w considered all others as imposters.

DUPLICATED RELICS

In France, there was a time wh one might have viewed three skul all said to belong to the behead Saint Denis; three cities in Euro were the proud possessors of the a thentic winding-sheet which served shroud to Our Saviour; all three st exist, surrounded by the same vene tion and all bear the impression whi represented the image of Christ, cumbent in his tomb. One is at Besa con, the other at Turin, the third Cologne. All three were brought ba from the Crusades, and books ha been published about each, provi that it alone is authentic. We are course obliged to conclude that t two others are frauds, and therefo must rightfully be mentioned in th brief study of fakes, must find legitimate place in one of the seri of our classification.

So long as the Crusades lasted, long did sacred objects continue to imported from the Holy Land, the direct source assuring a certificate authenticity. One might be tempte to think that this commerce ceased diminished with the end of the rel gious conquests, but quite on the co trary it continued to grow. Never d so many relics arrive as during t 14th Century. It was then that th most impossible pieces, such as t chemise of the Virgin, made their a pearance. Nevertheless it is piousl preserved in the cathedral at Chartre cut to the pattern of the coats of ma worn by chivalrous knights. Th chemise was the source of immen revenues, for little lead replicas we made of it, and it sufficed that a wa rior should wear this little trinket o his bosom to become invulnerabl These minute leaden shirts, about t size of one's thumb nail, were ver practically efficacious in times peace, for they protected not only t warriors from wounds but husban

(Continued on page 116)



THE spirit of a bygone day has been faithfully interpreted here . . . yet there lingers about this environment the feeling that it was created to be *lived in*.

¶ Rare artistry imparts to each detail of the interior a touch of antiquity . . . from the dusky oaken walls and

stuffs and garniture which adorn the

¶ Should you feel inclined to invest your surroundings with similar distinction, the collection of historic furniture and old documents on view at these Galleries will prove an unfailing source of inspiration in planning the decorative treatment of various rooms.



New York Galleries

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FALSE ANTIQUE

(Continued from page 114)

[illegible] conjugal misfortunes.

Among other relics which were circulated by peddlers might be found [illegible] from the head of the Blessed Virgin; a pinch of the incense offered by the Magi to the Infant Jesus in his [illegible], a bead-bag belonging to Belshazzar; olive leaves gathered on the Mount of Olives, bladders containing water from the Jordan. When the great Emperor Charles Quint was born, it is said his happy birth was due to the Virgin's ring, sent to Malines in great haste by the Abbé d'Auchin. At the Cluny Museum there is still on exhibition in one of the show cases a reliquary whose engraved inscription indicates that it had once contained a piece of the umbilical cord belonging to the Infant Jesus.

The most illustrious of these relics, the one whose entrance into France caused the greatest emotion, was incontestably the Crown of Thorns, that crown which caused the blood to spurt from Our Saviour's brow on the day of His Crucifixion. To be perfectly truthful, there were then two others already in existence or, to be quite exact, fragments of two others, and one of these fragments had long been the property of the Kings of France, who kept it in their royal Abbey at St. Denis. This particular fragment was so authentic that it had produced miracles, notably in 1191, when the king's son who lay at death's door had been called back into existence by just the simple contact of the sacred thorns.

But the new crown seemed to be even more authentic. First of all, it was complete; secondly, its thorns had remained marvelously green, and finally, its present possessor, the Emperor of Constantinople, Baudoin II, [illegible] orthodoxy.

[illegible] EMPIRE

That unfortunate sovereign was then experiencing great pecuniary difficulties: his Empire was being attacked on all sides by the Greeks, the Mussulmans, the Bulgarians. In reality the Imperial Treasury contained nothing save the Sacred Crown. The Emperor consented to transfer it to the King of France, Louis IX—he, who, shortly after his death, was canonized and became Saint Louis. Louis IX enthusiastically furnished all the capital necessary for the defense of the Empire, and two monks sent to Constantinople in 1239 brought back the inestimable relic in exchange for the [illegible] of fifty thousand *livres*.

The Crown was packed in three small chests: the first, of cedar, protected the second, which was of silver, this latter containing the third one, made of gold. The King in person went to Vincennes to receive the sacred treasure. He was accompanied by his brother, and both of them, barefoote bore the chests upon their shoulde making their entrance into the city Paris between long rows of t faithful, all upon their knees.

With great ceremony the Crow was exhibited to the people; then, order to give it a worthy repositor Louis IX ordered a chapel erect beside his very palace, into which might penetrate by a little door ope ing into his own room. This arch tectural monument, the purest treasu of our Gothic art, built by Pierre Montereau and decorated with statu was finished in 1246. The famo Crown of Thorns remained there un the dark days of the Revolution, wh in 1791 the angry crowds invaded a sacked the Sainte Chapelle. The Ho Crown was preserved with difficul from a profane sacrilege; pious han hid it; it was transferred to Not Dame, and it is still there in t Treasury of the Cathedral.

RELICS IN EVOLUTION

While on this subject it might well to go on and say that at one tim a profusion of relics was sold, rel of people who had never existed.

All artists are familiar with t canvases of Carpaccio at Venice, a with the shrine of Memling at Brug which illustrates the Legend of Sa Ursula. Now it happens that the a ventures of this young martyr a simply the transposition of a Byza tine novel, dished up for pious co sumption. Furthermore, the error a copyist singularly amplified and en bellished the story. In the origin the heroine was accompanied on h voyage by a servant called Unde milla; the scribe wrote Undeci Mill so that our Breton princess sudden found herself surrounded by elev thousand handmaids, all of wh were sacrificed with her, by the cru king of the Huns, at Cologne.

The legend was thus accredited, a it is then little wonder that the elev thousand corpses sufficed to furnish sufficient quantity of bones, whi during several centuries were strev throughout all the towns and villag of Germany and Flanders.

Thus by a magic scratch of t quill, eleven thousand creatures we born, died and exercised an infin sacred action after their demise. L us remember, however, that they ha inspired hope and consolation in t breasts of many poor human bein gifted with confidence, just as t collectors of today find their pleasu in the possession of false pieces which they truly believe.

After all, what is it that each these persons asks? A little happine They indeed possess it, since they b lieve in the motive. In the last anal sis it is faith alone that saves.



E LEAPING TARPON'S BRILLIANT

he new Black Starr & Frost

rthy addition to the Spanish architecture of the town. In it we are



ter equipped than ever to serve our customers in this famous resort.

BLACK STARR & FROST

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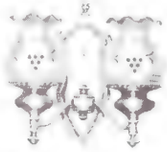
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Lightolier

569 BROADWAY, at Prince Street, N. Y. C.

LIGHTOLIER CO.,

[illegible] Vogue [illegible] Dec

CHAIRS OF EARLY AMERICA

(Continued from page 82)

reached by a flight of stairs rising from a small front hall. The upper story was often built out a little beyond the lower, after the manner of overhanging upper stories on English Elizabethan houses.

The chairs of this period grow quite attractive. Carver chairs, more graceful now, persist up to 1700 when this spindle type seems to disappear, but the slat-backs continue in favor through the 18th Century.

While general outlines remained the same, all chairs became lighter, and differences in turning, in style of arms, and in height of back appeared in certain localities. The New England and the Pennsylvania slat-backs of this period have marked differences, illustrated in figures 7 and 8, in which we see that there are always at least five slats, high curved in the center, and that there is a special undercutting in the arm giving a flat, slender appearance. In the New England examples, however, the stiles are shorter, the slats fewer with a greater variety of curves, and the arm, while often curved, is heavier. Figures 9 and 10 show the differences in lines.

THE BANNISTER-BACK CHAIR

Along with these chairs now appeared the bannister-back type. Generally these "bannisters" were flat, but figure 11 shows them rounded on one side like spindles cut in half, and some were actually fashioned in this way. We might indeed consider this a transitional chair from the spindle type to the bannister. Later examples of this attractive style of chair are shown in figures 12 and 13.

Home comfort was now well established and fashions in dress were much more varied and elaborate than could have been the case among the earlier settlers. The latest styles from England were eagerly copied by both men and women. The hoop-skirt was much in evidence, sometimes flaring at the sides, sometimes in back, and occasionally all around. The men wore bright colored silks and buckled shoes. So far did extravagance in dress go in the early 18th Century that many a sober-minded citizen frowned with disfavor upon it, and much was said and written about it. One misanthrope was moved to write as follows: "For a woman who lives but to ape the newest court fashions, I look at her as the very gizzard of a trifle; the product of a quarter of a cipher; the epitome of nothing." Harsh words, which probably did little to stem the tide of the popular desire to be even more English than those who lived in the homeland itself.

By the middle of the 18th Century, however, the colonists were less dependent upon England for ideas in dress styles and designs in furniture. They were beginning to evolve [illegible] own styles in these things by modifying or changing in some respects what was sent them from abroad. It was [illegible] this period that Windsor chairs [illegible] peared. They were first used in [illegible] land and with some changes [illegible] soon adopted in America. The [illegible] legs of the English Windsors invariably were of cabriole design and [illegible] back usually was formed by a pierced [illegible] middle splat with small spindles [illegible] to either side of it.

The American Windsor always had [illegible] turned legs, generally wide-spreading [illegible] and slender. In the earliest models [illegible] the arms extended around the back as [illegible] in round-about chairs, and an extension or bow-top curved up from [illegible] to form the back, and was supported [illegible] by slender spindles. Figures 14 and 15 [illegible] illustrate this. The second type of [illegible] Windsor chair had the back formed [illegible] of one piece of bent wood supported [illegible] by spindles, and the arms, when [illegible] appeared, were attached to the side of [illegible] this bent piece. Figures 16 to 19 [illegible] examples of this style. The third and [illegible] latest form of Windsor chair was [illegible] along rectangular lines following the [illegible] outlines of the Sheraton school. Illustrations of these late models are shown in figures 20 to 22.

The largest number of Windsors [illegible] found today are of the early type. [illegible] They have always been popular because [illegible] they are strong, comfortable, graceful [illegible] in appearance and easily made. The [illegible] first ones seem to have come from [illegible] Philadelphia. Old advertisements read [illegible] "Philadelphia Windsor chairs," and [illegible] "Windsor chairs as good as made in [illegible] Philadelphia." No common chair has [illegible] ever been designed that has proved [illegible] more satisfactory from the point of [illegible] both beauty and comfort.

PASSING OF GOOD TASTE

The beginning of the 19th Century marks the passing of the period of [illegible] good taste in both common and [illegible] furniture. The Empire style in France [illegible] made a great impression upon America, and gradually after its adoption [illegible] inferior and inartistic styles appeared [illegible] and good taste seems to have died.

Up to the present time, no style has [illegible] been evolved which can be said to take [illegible] the place of the common chairs of the [illegible] 18th Century; for everyday use we [illegible] have not as yet been able to improve [illegible] upon their general outlines. Could the [illegible] people of that century—which is veiled [illegible] for us in a romantic haze—return [illegible] and look about them, they would indeed see many strange and astonishing [illegible] sights, but they would see, in the [illegible] furniture, many a familiar piece, and [illegible] greet many an old friend. These have [illegible] have persisted because of the integrity [illegible] of their design and because of their [illegible] special adaptability to the purposes for [illegible] which they were made.

A ship's cupboard from old Salem



To the dining room or a gentleman's study it brings the charm of long ago—

IN the romantic days [illegible] families of the port [illegible] their income by a little smuggling, the wealthy sea captain carried the very atmosphere of his cabin to his home ashore.

Its ancestors fashioned by shipwrights during the long winter months, this Plymouth cupboard by Danersk is faithful to its salty heritage.

Its distinctive slant was given with an eye to rolling seas and the simple grace and beauty are a never failing delight.

Practical, lovely, [illegible] room or gentleman's study the flavor of salt and the booming of ghostly sails.

See it by all means and at the same time ask us to show you the slide-top table and the graceful ladder-back chairs that go with it to make up one of the most interesting of all the Danersk groups.

Start now to collect Danersk furniture. It is our ideal to preserve for posterity the richest and loveliest tradition of the past and to make Danersk furniture the prized collectors' items of tomorrow. You are always welcome in our showrooms, either [illegible] purchase or not.

DANERSK

Wholesale and R[illegible]



"The Art of Table Setting" is arranged in portfolio style, 10 by 12½ inches in size, and illustrated with actual photographs (measuring 7 by 9 inches), which illustrate model table settings made under the supervision of the author of a well-known book of etiquette. There is a separate unit for Breakfast, for Luncheon, and for each occasion. All has been prepared in a way to answer one's questions quickly and furnish correct and adaptable suggestions.

So we wrote the sort of a book a young wife would be interested in

We imagined a young [illegible] charming young [illegible] background, living modestly, yet smartly. And we pictured [illegible] couple over the week end. . .

And we wrote the sort of book that we thought the wife would be interested in. Taking up, one by one, the problems of setting a smart, attractive table for breakfast, luncheon, tea, dinner and one of those delightfully inconsequential late suppers.

Nothing elaborate. Nothing formal. Touching on a score of little matters that such books usually omit, yet which give those intimate touches that make for real style and real distinction.

Practical to the last degree . . . and beautifully illustrated. A book that you will surely want to keep.

The couple we had in mind would naturally be one whose instinct and breeding would lead them to select, in silverware, nothing but STERLING. And to whose innate sense of line and beauty and *style* the appeal of "Treasure" had been quite irresistible . . . We rather suspect them of having chosen the Early American Style—not merely because of its vogue—but because here, truly, is *authentic* 18th Century American design with all its delicacy and restraint and exquisite charm.

But the book doesn't tell *our* story (except by inference) —it tells *your* story. And we shall be more than happy to send you a copy, if you care to fill out the coupon on the opposite page.



ROGERS, [illegible]
Silversmiths
GREENFIELD [illegible]

Carved Pieces



No bazaar or gallery of the old world or the new ever held such an exhaustive display of carved pieces to delight the connoisseur. Here are sumptuous chests magnificently carved, daintily conceived end tables, rare replicas of antique treasures—all carved in Belgium by the world's master woodcraftsman, L. Vander Voort. The Lightolier Galleries are indeed an Arabian Nights wonderland of carved inspirations for decorators and their clients.





LIGHTOLIER GALLERIES



Cupboard and shelves are well combined in this simple built-in design with its shaped apron at the top and its general lines which conform with the room' paneling. Vander Schaefer, decorator

WHERE TO PLACE SHELVE

(Continued from page 65)

would, of course, fit at any points of building color, and it would be a convenient spot to show one's collection by taking them off their shelves and [illegible] sunlight filtering through each piece that is lovingly turned. After all, apart from the making and the owning of any collection, its greatest joy comes in displaying it to friends.

The wood to elect for decorative built-in shelves will depend on the other woodwork in the room. The simplest and least expensive is whitewood, painted or stained, from that beginning, the selection may run up through the more costly hardwoods. But even less expensive than the cheap of wood, would be bookshelves which the paneling and cupboard doors were merely wallboard bu over a frame of whitewood and the grained to resemble walnut or pin

Although materials will depend one's funds, the more important fa tors of scale and decorative detai that either make shelves successful ruin them, will depend on one's tast And if one isn't quite sure of sca and detail, then hand the business o designing to an architect or a decor tor. It is poor economy to count th cost of such professional advice.



Modernism has taken full possession of this Parisian library with its inverted pyramid of glass and mirror shelves to hold the books. On the edges of the shelves a snakeskin ornamentation has been applied



THE MIRACLE OF MOVIE-

Then You Wish You'd



Today, thousands are making home movies with marvelous personal results. Everything is unbelievably easy. No special skill. No tedious study. No needless mechanical worry. Complete Home Movie outfits cost no more than ...



... last thing at the party ... three flashes ... Then instantly ... almost magically ... your screen leaps into action.

The indescribable charm of your children ... gestures ... their smiles ... their emotions ... their personality ... are captured for all time on the film, to flash into light and live again ... the years ... [illegible] ... dancers and ... [illegible] ... making ... [illegible]

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Ciné-Kodak embodies Eastman's forty years experience in devising easy picture-making methods for the amateur photographer. Unbiased by the precedents and prejudices of professional cinema camera design, the men

Ciné-Kodak

[illegible]



Do you believe in miracles? If you could make a movie of your chil with all the sparkling beauty and rness you see in the feature film wouldn't you like to do it?

nd if you could see that movie wherever wished ... in three, in five, in ten years' ... watching your children grow as they today ... wouldn't you cherish it as your t priceless possession?

hen read these new and almost miraculous s about Home Movies. They are published our interest by the world's largest producer hotographic equipment and supplies.

Home Movie-Making Simplified

e hard work is done. The months and years esearch have passed. Now, thanks to the rt of Eastman Scientists, Home Movies are asy to make as the ordinary snap-shot.

he camera is simplicity itself. No need to us. No grinding crank. Just sight it either n waist height or eye level.

hen press the button. A shutter whirls in- e and the film slides quickly behind the lens. tantly every action within the scene before , every changing sequence of light and dow, every expression of individuality is istered for all time on a thin strip of film. erything is amazingly simple. The Ciné- dak practically does your thinking for you.

sy to show in your own home

w comes the greatest thrill of all. hen the films are taken, your work done. We develop them for you at extra cost, and return them ready run on your own silver screen. You simply place them in the dascope Projector ... a remark- y ingenious device for throwing moving pictures you have made the portable screen that comes h your Ciné-Kodak outfit.

piled and edited by military experts—"America Goes Over"—2000 feet, taking an hour and a quarter to [illegible]

In addition, feature films, which constitute a [illegible] secured for a modest rental from the nearest Kodascope Library.

Big production home has yours

Today, because of the tremendous production [illegible] complete outfit, Ciné-Kodak, Kodascope Projector and Screen, may be had for as little as [illegible]

Ciné-Kodak safety film, in the familiar yellow [illegible] at your nearest Kodak dealer's. Also [illegible] esting booklet

Furniture Shops Living Room Patterns



THESE Furniture Shops pieces are of the influence of Sheraton and Duncan Phyfe. The Corner Cabinet is particularly attractive with its graceful Mahogany frets. The design below is a card table that folds into a console. The fine grain of the wood is shown in the raised leaf. The other pieces are a dainty tilt top and occasional table. See them at your furniture store.



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Send Me Your Booklet:
"Correct Furniture for the Living Room, Library and Hall."

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THE DAMASK CLOTH

IN the annals of table setting from the Anglo-Saxon days in England up through the ornate 14th, 15th and 16th Centuries, there has been no more intrinsically elegant table covering than damask linen. The word "Damask" comes from the name of the ancient city of Damascus, which was famous for its large patterned silk fabric, as well as for the [illegible] sword blades which were so sought after in the days of chivalry.

"Purple and fine linen!" This close relationship between the royal color and the royal fabric proclaims that from antiquity until our era, linen has had caste! In ancient times Hebrew ladies and Greek and Roman ladies too, spun and wove it and some sold it as a highly prized and duty. The history of linen is the rich story of priesthood, statehood and fashion from the beginning of time. In fact nearly every ancient nation, and most modern [illegible] flax from which linen is made. Flax is old and was B. C. linen was used in Egypt. In the Bible flax [illegible] by a plague in Egypt shortly after the flood: "The Flax and Barley [illegible]."

Therefore, if a conservative, linen [illegible] its simple beauty—if a modernist, you will [illegible]

[illegible] to note that [illegible] Yet [illegible] flax [illegible] too." The Dutch brought the spinning wheel to [illegible] Today [illegible] damask from the machine-made [illegible] the mechanically woven fabric. It is [illegible] the weavers take glory and pride in their work as do artists in theirs. There are some families who have been in this work as long as their annals reach back. Surely material with such a past—the product of excellent craftsmanship and artful industry for centuries—can reflect naught but dignity and beauty on its user.

[illegible]

One of the lovely features of damask is the method with which pattern, even of an elaborate hunt, is apparent without optical annoyance. Being all white—or all any one color—the design, despite floridity or complexity, seldom if ever seems "overdone."

It is safe to say that damask, wherever it is used, adds to prestige. Furthermore, its wide range of variety makes it available to both rich and poor alike.

There are, of course, certain approved methods for the use of this material in the dining room. It must always be laid over a silence cloth—never directly on a wooden table. It is bad taste to use colored ribbons with it. Lace and damask cloths together are not in good taste. The design effected in a damask cloth combined with floral decoration and table silver, glass and china are sufficient for a table of beauty and refinement. Indeed, it one of the glories of damask that itself it is decoration enough.

Dinner, lunch and breakfast clot can be had in multitudinous patter and to fit all tables for all occasio with napkins and doilies to match a in the standard shapes and sizes appr priate to each meal. Napkins can bought separately as well, so that t purchaser is delightfully sure to g exactly what is needed. The rectang lar cloth is used for the round as w as for the square or oblong table.

The lunch cloths are usually ma with hemstitched edges, with napki to match. For breakfast these can used too, but the plainer dam cloths are most suitable.

[illegible]

Linen itself is particularly w adapted for towel and bureau sca use because it is snowy white, glea ingly lovely, and does not roll little bundles of lint. Flax fibre different from cotton in this respe Very often, people are disappointed damask because unknowingly, th may be getting [illegible] linen mixed with cotton. The fibres of lin and cotton are very different and ea has its own [illegible] L smoother than cotton and th linen look beautiful for a longer ti because it doesn't attract soil as swi ly as rougher fabrics.

[illegible] damask [illegible] the best for table us Scotch [illegible] good too, but not as fi usually.

Designs are so varied that it wou be difficult in this small space analyze them but they are pattern to suit every taste and occasion. T cloths with only a central design a lateral stripes are quite rich, th again, the allover floral designs a very handsome. The Rose, and t Shamrock are used frequently. Peri [illegible] graphical. We have seen one damask cloth with John Wesle portrait woven therein, heads ancient gods too, and besides—t hunting scenes! These variances in sign sound odd, but the fact that t design is made of the "self" color the cloth, woven only so that it catch the light and thus gives the patte takes from a linen damask cloth a blatancy or loudness and so enhan its claim to good taste.

One valued asset of linen is th it can be kept, with care, from gener tion to generation. By care is mea Folding it with as large folds possible, storing it in a good quali blue paper, laundering it with bra as well as with the usual tools a proper solutions.

Most of the damask linen hou publish little booklets with simp laundering and stain removing lo much of which, but not all, is probal familiar, as linen is an old friend the world just coming back into own, after much experimentati with other modes of table coverin This is only natural, for nothing e can give the quiet elegance and si plicity of a table unified by a compl covering of snow-white linen—nothi

(*Continued on page* 126)

An Empire Brocade of famous design

The original belonged to the Empress Josephine



THE present vogue for decorations in the Empire style has created a great demand for fabrics hat period—fabrics most ropriate for Colonial nes as well. Of particular rest to the lover of patterns in historical association ne Swan Brocade.

esigned for the Empress, as one of the rich satins aded in the swan motif covered the walls and iture of the petit salon at St. Cloud. o swans are shown, linked together garlands of flowers and woven in allion against a star-sown ground. ter this motif was used again—by Emperor at Malmaison. And nearly ntury afterwards it was chosen, as esentative of its period, for exhibit Exposition Universelle de 1900.

ustrated here is an excellent re-uction of the Swan Brocade by chumacher & Co. Faithfully repro-d, it comes in two color combina-s—vert or jaune—and is e ble for wall hangings, draperies or ture coverings.

striped damask which may be effec-y used in combination with the Swan ade takes its classical motifs also the Empire Period and presents

designs and weaves in fabrics

Your decorator, upholsterer, your department store will be selected to fit your particular require-ments can be promptly obtained by them.

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This book will be sent to you upon request without charge. Write to F only, of Decorative Drapery and Upholstery Fabrics. Offices also in Boston, Chicago, Philadelphia, Grand Rapids, Los Angeles and San Francisco.

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Beauty -- Tone -- Size

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BRAMBACH

Baby Grand

FULL, volumed, pure toned, richly resonant, the Brambach Baby Grand satisfies every requirement of the most exacting music lover. Designed to fit the modern living room, yet truly a grand in every gleaming line, in every golden note. With its rich woods, its graceful proportions, its lustrous finish, the Brambach is truly an instrument of beauty, especially in its many period models, artistic and authentic.

Visit the nearest Brambach dealer—see the Brambach—hear its music. In the beauty of its design, the richness of its harmonies, the economy of its space, the Brambach is the perfect piano, not only for the modern home but for the teacher and studio as well.

$675

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Period and Art Models

Name

State

BRAMBACH

BIRDS IN CERAMIC AVIARIE

(Continued from page 112)

Flooring and walls were covered with panels of the most beautiful china, of the ancient and celebrated manufactory of Capo di Monte, of which specimens are now become so rare. The panels have landscapes and groups finely painted, and are bordered with wreaths of flowers the size of nature, of the richest and most varied dyes, in enamel-work, among which birds of the rarest plumage, squirrels, and monkeys, all of china, [illegible]."

The Capo di Monte artists used [illegible] frequently than not. The Neapolitans [illegible] the English, and even now they appear to think of their own native song-birds mainly in connection with gastronomic allurements, although in their maiolica wares the Italians did, at an earlier period, pay particular attention to bird forms, and one must here mention the lovely birds modeled in relief by the Della Robbias. But [illegible] look there to find a Thoreau or a Burroughs, [illegible] not have such a lover of birds as W. H. D[illegible], one finds these verses:

> [illegible] mortals have,
> [illegible]
> [illegible] May-month
> [illegible]
> Birds dream of song, and in their
> [illegible]

I think Davies must have heard the birds of Chester in the rain-kissed springtime of that Cheshire city, for no place in the world is the song of birds more glorious than there when the Hawthorn bursts into bloom.

This love of birds which the English hold has left its mark on many of the ceramic wares of that country. The exotic motifs in decoration, from the Chippendale period onward, did not discourage the drawing and the modeling of native English bird forms by artists of the English potteries. This bird-love sentiment is exemplified [illegible] Derby biscuit figures of a set entitled "The Dead Bird," modeled by Spengler and now in the British Museum collections. In one of the figures a maiden holds a dead bird in her right hand; her left elbow rests lightly on the roof of a little empty cage which stands on the trunk of a tree. The other figure represents a youth, spade in hand, digging a grave for the bird. There is nothing mawkish about the handling of the subject. Spengler succeeded in the difficult task of conveying to his figures the sentiment of the scene [illegible] of excluding from them any suggestion of [illegible]. In pottery the humbler cottage ornaments were never out of company with [illegible] representations—cocks, hens, ducks, geese and other barnyard fowls, with now and then, for particular elegance, a colorful peacock or a pigeon.

The ateliers which produced the ceramic wares of Royal Copenhagen have probably given us in contempor[illegible] [illegible] which we have. This has been a d[illegible] the late 19th and the 20th Centuries and I can well imagine that collectors of a half century from now will be showing their appreciation of this exquisite and remarkable ceramic pr[illegible] [illegible] subjects that have come from the Royal Copenhagen potteries that would in itself serve to assemble a ceramic aviary from their wares alone.

But there are other contempor[illegible] bird pieces for the collector who seeks beauty and quality without demanding the hallmark of time for them. To-day, the principal metropolitan shops which have rare china departments are displaying porcelain birds of great beauty, pieces representing many species from humming-birds to Kingfishers, or on to pheasants, owls and turkeys. Loving birds and loving [illegible] china, it seems to me that forming a ceramic aviary is a delightful hobby to follow. If one cannot have all antique pieces, modern porcelains in bird subjects are, many of them, worthy having for their own intrinsic beauty and time will, quite likely, deal generously with them.

THE DAMASK CLOTH

(Continued from page 114)

can quite so effectively produce a beautiful setting for shining silver and sparkling glassware than the snow white, sunny linen; on nothing else does a hand embroidered initial, monogram or crest look quite so satisfying.

Besides the white damask cloths and napkins, cloths in a variety of pleasant colors can be had, too, for breakfast or lunch-time use. In the bungalow sometimes the colored cloths are charming in the coarser natural colored linens and crashes—but if you care to have only one type of cloth, linen damask is always in good taste—while other fabrics have their very definite limitations.

ETHEL R. PEYSER



Fleisher announces a new plan of guarantee for knitted garments

Latest styles from leading manufacturers carry this Fleisher Guarantee Tag

R the first time in the history of knit-
ods you can now buy garments
eed for wearing quality by the maker
the yarns. Fleisher's yarns have been
own for more than half a century as
e superior yarns for hand-knitting.
ey are used also by foremost manu-
turers to make sweaters, sports frocks,
ldren's suits and other garments.
Now Fleisher makes this guarantee:
e will be responsible to you
the wearing quality of
isher's XXX Yarn in the
ment you buy, wherever
u may purchase it. If any
ment bearing this Guar-
ee Tag should fail to give
isfaction in the quality of
yarn, we will replace it
olutely without cost to you.

Never before was there a guarantee like this

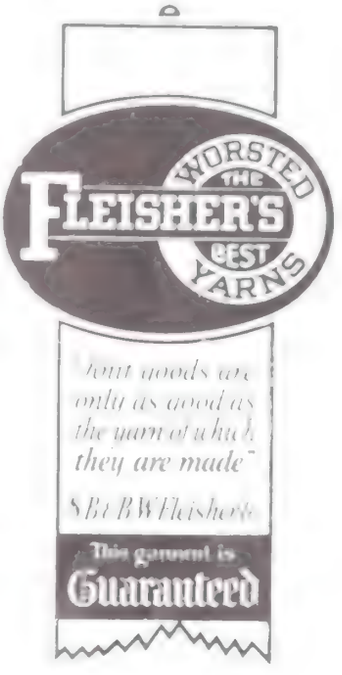
ppily the time has passed
en you need guess or take
nces buying knitted gar-
nts. . . . Fleisher is a
st familiar name to women
o know how to knit. Now
t manufacturers are mak-
the lovely and practical

sets their standard.

Our guarantee means that the same high grade standards for garment making that Fleisher has for yarn, are using the XXX Yarn. All garments made of this XXX Yarn are so labeled and the wearing quality of the yarns is absolutely guaranteed.







S. B. & B. W. FLEISHER, Inc.

Super-soft-absorbent-pure — *yet this finest tissue actually costs less per year*



Is it embarrassment that causes so many women to accept any make of toilet paper—instead of obtaining the brand they want—the one they really ought to have?

For toilet papers differ widely. Many are harsh, abrading, even dangerous. And yet it's so easy to get a smooth, soft sheet—one that safeguards family health—simply by saying "I want A.P.W."—and insisting on it.

A.P.W. Satin Tissue is soft and silkily smooth. It is a firm, full-bodied sheet, and wonderfully absorbent.

Made as only the originators of roll tissue know how, from spotless virgin pulp and purest deep well water, it is sterilized time and again in making, perforated to tear evenly in convenient full-sized sheets, and wrapped in dustproof sanitary cartons.

Yet, despite its greater cost of manufacture, a year's supply—the carton of 10,000 sheets—actually costs less per year than harsh, abrading papers.

In large size rolls, the carton of 10,000 deluxe size sheets costs but $2.00. It will last the average family one full year. A smaller sheet, in Junior rolls, tight wound for recessed fixtures—6,000-sheet carton, $1.00. A. P. W.

is also furnished fla

Buy a carton at yo dealer's now—or if l can't supply you, ser coupon with your chec or bills and your dealer name to us. You'll lik A.P.W. Satin Tissue- and you'll appreciat the convenience of buy ing once for all the yea Just mail the coupo now. We pay th postage.

One word of caution Much cheap toilet paper is made "reclaimed stock," old newspaper and the like. Unknown rolls are som times risky. Buy toilet paper by bran name only. Say "I want A.P.W."

A. P. W. PAPER CO., ALBANY, N. Y., U. S.

A·P·W· Satin Tissue — *Buy the carton — a year's supp*

Mail coupon to A. P. W. Paper Co., Albany, N. Y. Dept. D-14

Enclosed $..... please send postpaid, plain wrapped, carton of A.P.W. Satin Tissue as checked:

( ) 10,000 deluxe sheets, in rolls, ... $2.
( ) 6,000 Junior sheets, in rolls, ... $1.
( ) 9,000 sheets, flat, large size, ... $2.

Dealer's Name

My Name and Address .....





THE MASTER cabinetmakers of the 18th century left their names permanently attached to distinct and original styles. Modern furniture still reflects the genius of Chippendale, Adam, Hepplewhite, Sheraton.

Within the graceful, characteristic Packard lines lies the workmanship of modern masters of woodworking. Their expert craftsmanship is no less [illegible] hidden from the eye.

For Packard bodies, whose sturdy framework is of fine hardwood, must be as long lived as Packard chassis. Packard beauty must endure under years of stress and strain unknown to workmen of the past.

And Packard beauty is enduring in another sense also. For Packard, in twenty-seven years, has created a lasting style in motor car design which like the work of the old cabinetmakers has been much flattered by imitation.

PACKARD

ASK [illegible]



Four Passenger Coupe

Every Lincoln body is a custom creation of some master body builder. It is designed as a fit companion piece for the Lincoln chassis. Its distinctive lines unmistakably suggest Lincoln quality. The Four Passenger Coupe is the work of Le Baron. The matchless performance of the Lincoln, its ease of control, its velvety smooth motor, its instantly responsive brakes and superb riding qualities are best of all appreciated in the owner-driven personal car.

L I N C O L N M O T O R C O M P A N Y

Division of Ford Motor Company



Cut by flying glass

CUT . . . bleeding . . . disfigured for life . . . Yet she always drove carefully . . . she had four wheel brakes . . . she put out her hand when she turned a corner . . . she always sounded her horn at a bad bend in the road . . . But she is cut . . . bleeding . . . disfigured for life . . .

DON'T TAKE THIS FRIGHTFUL RISK

when TRIPLEX will protect you

TRIPLEX will not shatter, so cannot fly and cut. Tests show that an ordinary plate glass windshield will fly into pieces under an impact that will not even crack Triplex. Of course, in an accident, Triplex *may* crack but it will not shatter. You are safe from flying glass when you ride behind Triplex.

TRIPLEX is a clear glass—there are no wires in it to confuse or obscure the vision. Look for the black edge—the seal of Triplex quality.

Before an accident happens fill out this coupon

THE TRIPLEX SAFETY GLASS COMPANY OF NORTH AMERICA, INC.
Hoboken Terminal, Hoboken, N. J.

_____

_____

Model _____ Year _____

Triplex

THE GLASS THAT WILL NOT SHATTER

THE TRIPLEX SAFETY GLASS COMPANY OF NORTH AMERICA, INC.
Hoboken Terminal, Hoboken, N. J.

TRIPLEX XSX

XXX

For your safety the new FORD
is equipped with a windshield of
Triplex—*the glass that will*



Long research—but instant popularity

WHEREVER you go you hear people praising the General Electric Refrigerator. Almost overnight it has taken a prominent place in the thoughts of homemakers.

One hears of its remarkable simplicity. That it hasn't a single belt, fan or drain-pipe. That it hasn't a bit of machinery under the cabinet—or in the basement. That it never needs oiling. There are many, many comments on the quietness with which it operates. There is much enthusiasm for the extreme roominess and the splendid strength of its gleaming cabinets.

Overnight, it seems . . . . but for more than fifteen years the vast laboratories of General Electric have been busy with the development of this truly revolutionary refrigerator. Several thousand refrigerators, of nineteen different types, were made, field-tested and improved before this model was finally evolved. It was a long and expensive process—but nowhere in the field of electric refrigeration have engineers and scientists done their work so well.

Write us today for descriptive booklet N-2.

GENERAL ELECTRIC
Refrigerator

[illegible] DEPARTMENT • GENERAL ELECTRIC COMPANY
CLEVELAND OHIO

A QUESTIONNAIRE *for* ANTIQUARIES

(Continued from page 96)

top of the waves, while the clipper "clippod" through

WHAT POTTER IN STAFFORDSHIRE USED A SEA SHELL AND SCROLL ON THE BORDER OF HIS WARE?
Enoch Wood.

WHAT POTTER USED THE MEDALLION AS A BORDER?
Ridgeway.

WHO WAS THE FIRST POTTER TO USE THE WILLOW PATTERN ON POTTERY?
Thomas Minton.

WHO WERE SIX WELL-KNOWN SILHOUETTE CUTTERS?
Charles Willson Peel, 1785; Master Hubbard, 1824; Miss Honneywell (born without arms, manipulating scissors with her mouth); William Brown; S. K. G. Nellis; William King, Salem, 1804.

WHAT DID A STAG EMBROIDERED ON A SAMPLER SYMBOLIZE?
It signified the Christ. The stag killed snakes with its horns—the snake is an emblem of evil.

WHAT IS THE PAPYROTAMIA?
The art of cutting paper with scissors into various ornamental and decorative designs, such as valentines, etc.

WHAT IS THE MEANING OF LOXWOOD?
Resurrection.

WHAT IS A COFFIN SPOON?
It was called a funeral spoon in England, made in the shape of a coffin lid. It was the custom to give two to the friends helping at the time of burial. Hence they are usually found in pairs.

WHAT IS GESSO?
A fine plaster which becomes hard when set, and which is used for modeling upon wood as a base for painting or gilding.

THE INSIGNIA OF WHAT ORDER WAS USED ON POTTERY?
The Cincinnati Society.

WHAT WAS A LOGGERHEAD?
A long iron poker, heated in the embers and then inserted in a flip glass to make a hot drink.

WHERE DID THE TOBY JUG GET ITS NAME?
From Philpot Toby—a "thirsty old soul," as records show.

WHERE DID THE NAME "MUG" ORIGINATE?
In the early days a drinking cup was made in the form of a face—mug being an old term for face.

WHAT DOES THE WORD PATINA MEAN?
The color and bloom on a surface produced by age, wear and polish.

WHAT IS A PEAR DROP HANDLE?
A small pendant drawer handle in pear form which came into use in England during the Restoration Period.

WHEN WAS COPPER PLATE CHINTZ INVENTED?
1758, in England.

WHO SUGGESTED TRANSFER PRINTING ON POTTERY?
Suggested to Sadler and Green of Liverpool by Benjamin Franklin about 1758.

WHAT IS A BUTTERFLY HINGE?
A hinge in the form of a butterfly—commonly known as a tail hinge in England.

WHAT ARE TWO CHARACTERIST[IC] AMERICAN WINDSOR CHAIRS?
The comb back or head re[st] the curve of the back to for[m] arms. The back being sup[ported] by two spindle braces fa[st]ened into an extension of the [seat]. The fan back is another char[ac]teristic of the typical Am[erican] Windsor chairs.

OF WHAT WOODS WERE AME[RICAN] WINDSOR CHAIRS USUALLY MA[DE]?
Hickory or maple.

ABOUT WHAT DATE WERE "PHIL[A]DELPHIA MADE CHAIRS" ADVERTIS[ED]
1763.

WHAT ARE THE THREE TYP[ES] CANOPIES ON FOUR-POSTER BE[DS]?
Field top, tent top and s[ky] tester.

WHAT IS THE OLD NAME FOR A [HIGH] BOY?
Tall-boy.

WHAT WAS A WIG STAND?
A small tripod basin stand [fitted] with two drawers holding p[owder] for the wigs and usually [fitted] on the ground floor of the [house] for the convenience of the m[ount]ed travelers.

WHAT IS THE ORIGIN OF THE [PINE] AND BALL FOOT?
Said to have originated i[n] legendary figures of the Cr[usa]des dragon—usually represented [as a] large bird holding a pearl.

WHAT IS A BIRD'S-EYE MAPLE?
Sugar maple, found in the N[ort]ern States and Canada.

WHAT ARE THE SPATTER FLOO[RS] CAPE COD?
Floors painted with two or [three] neutral coats and then spa[ttered] with two or more bright c[olors].

WHAT IS THE DIFFERENCE BET[WEEN] SOFT AND HARD PASTE TRANSLU[CENT] CHINA?
Soft paste china or porcel[ain] always glazed and a labor[atory] product consisting of pipe[clay] bone, silica, etc., while true [hard] paste porcelain is decom[posed] granite, mined usually fr[om] river bed.

WHAT IS A SQUAB?
A loose, stuffed cushion, gen[erally] used for the seats of chairs, long stools previous to the [time] when upholstered seats wer[e] troduced—toward the end o[f] 17th Century.

GIVE THE NAMES OF FIVE OLD E[NG]LISH WROUGHT HINGES?
H., H.L., butterfly, strap, [cock's-] horn.

WHAT WERE THE UTILITARIAN [REA]SONS FOR THE SHAPES OF TH[E OLD] HINGES?
To keep the wood from spli[tting] and for supporting the old [and] heavy doors.

WHAT IS A SPADE FOOT?
A rectangular foot with a [taper] to the base, sometimes cal[led] "therm" or taper foot. It

(Continued on page 132

One purpose ROOMS *make houses too* BIG





MANY houses built today are too big. ey have too many e-purpose rooms and o much space to heat. e owners have too ch furniture to buy, o much tax to pay, o much house to keep the living accom-odations provided. One room, equipped th a Murphy In-a-Dor Bed, gives the vice of two in an old type house. The eping porch is an upstairs sun room day. The den or living room becomes guest room in reserve. One room ves as playroom and childre's bed room, leaving the living room free from the toys and noise of romping children.

Behind [illegible] there may be a wonderfully comfortable full size Murphy In-a-Dor Bed, that does not [illegible] concealing closet as wardrobe or dressing room.

Surprising, to those not informed, is the harmony between a Murphy In-a-Dor Bed, and [illegible]

[illegible] scheme of furnishing, from simple to lavish. Surprising, too, is the ease with which a Murphy In-a-Dor Bed is swung on its pivot and lowered, balanced by special springs, to solid rest upon the floor. Installation, also, is easy. No special construction is needed. Nothing gets out of order.

Murphy In-a-Dor Beds exemplify modern efficiency. They cut the cost of homes—in single or in multiple dwellings—without affecting the living capacity. Follow the trend of home building. Build as though you expect to live in your home forever. Build as though you intend to sell your home tomorrow.

MURPHY DOOR BED COMPANY

Valuable Book Free

te for "More Home in Less ce." Full color illustrations show tyles and finishes of Murphy In-or Beds and pictures them in various rooms of differing deco-e schemes.

you are planning to build or to st in any type of residential ding you should get and read book. Write for it, today.

THE MURPHY IN-A-DOR BED

[illegible]



Walker Electric Dishwasher-Sink Model III

To the home thoughtfully planned, the WALKER Electric Dishwasher-Sink brings a new keynote in kitchen planning—efficiency with economy of space. In new apartment buildings and houses, from kitchenettes to large kitchens, the WALKER is becoming a necessary feature in attracting desirable tenants.

Thousands of enthusiastic housewives are already appreciating the time saved for other tasks and needed recreation, hands saved from constant abuse of hot water, the new sanitation of food-carrying dishes saved from the threat of disease germs bred in soiled dishcloths, despite all precautions for their cleanliness.

The WALKER is the proved and tried dishwasher endorsed by Good Housekeeping Institute, Delineator Home Institute, the Priscilla Proving Plant, and by thousands of domestic science experts and housewives. Let us send you free booklet that gives interesting facts about time, hands and health saved by the WALKER. It will acquaint you with our suggestions for modern kitchen planning. Use the coupon. WALKER DISHWASHER CORP., Dept 709, 216 Walton St., Syracuse, N. Y.



Look to your kitchen! Do you know how inexpensively it can be arranged for greater efficiency? Our Kitchen Planning Dept. will be glad to prepare suggested layout of your old or new kitchen without obligation.

WALKER

Electric Dishwasher Sink



Walker Dishwasher Corp., Syracuse, N. Y. H.G. 2

Please forward me your booklet, "The Dawn of a New Day in the Kitchen", telling me how the WALKER will increase kitchen efficiency.

I am interested in the rearrangement of my old (new) kitchen. Please tell me how to proceed without obligation.

Name

Address

A QUESTIONNAIRE *for* ANTIQUARIE

(Continued from page 130)

adopted by Adam, Hepplewhite and (for a short period) by Sheraton.

WHAT IS A CAMEL BACK CHAIR?

The nickname given to the demi-shield-back chair of the Hepplewhite period.

WHAT NEEDLEWORK STITCH WAS USED IN THE WALNUT AGE OF QUEEN ANNE AND WILLIAM AND MARY?

Petit point or tent stitch.

WHAT IS A HADLEY CHEST?

The name given to old chests made in and near Hadley, Mass. (All these chests have similar carving upon the front only, the ends being paneled and always having three panels above the drawers. Usually initials were carved on the center panel. The carving is in low relief and is, as a rule, stained, while the background is left in the natural color of the wood.

WHAT WAS THE ORIGIN OF THE ORNAMENTS AND DROPS CALLED "TURTLE BACKS" ON CONNECTICUT CHESTS?

They originated during the reign of Elizabeth and were designed to imitate her jewels.

GIVE THE NAMES OF FIVE TYPES OF BEDSTEADS.

Four-post tester bed, four-post with carved finials, sleigh bed, trundle bed, cupboard or folding bedstead.

WHAT THREE SERIES OF DESIGNS OF STAFFORDSHIRE POTTERY WERE MANUFACTURED BY CLEWS?

Dr. Syntax, Don Quixote and David Wilkie.

WHAT PARTICULAR CHARACTERISTIC OF THE SHELVES IS LOOKED FOR IN OLD CUPBOARDS?

Often each shelf is narrower than the one beneath it—like a flight of steps. And the depth of the spacing beneath shelves is less as it goes towards the top.

WHAT IS THE DIFFERENCE BETWEEN A PRESS CUPBOARD AND A COURT CUPBOARD?

A press cupboard consists of an open framework upon which cups are set, below which is an enclosed cupboard that was originally used to hold valuables. A court cupboard is a piece of furniture consisting of shelves without an enclosed cupboard. Low or short, as the French word court *implies, and intended for a serving table.*

WHEN DID CORNER CUPBOARDS FIRST MAKE THEIR APPEARANCE?

They made their first appearance about 1710 and were built in the corner and finished to correspond with the paneling around the room.

WHEN DID THE CORNER CUPBOARD APPEAR AS A SEPARATE PIECE OF FURNITURE?

About 1800.

WHAT IS THE DERIVATION OF THE WORD WAINSCOT OR WAINSCOTING?

Derived from the common English words "wain" for a wagon (which was always made of oak) and "shot" or "schot" meaning a partition, "Wainscoting" ori nally meant oak partitioning.

WHAT IS THE MEANING OF TI WORD MANHATTAN?

Derived from an Indian wo meaning "The People of the L tle Island" or "People of t Whirlpool"—with reference Hell Gate. (Standard Dictiona of Facts.)

WHAT IS A RUFFLED PAWN?

A short petticoat or valance gat ered full on a little string whi was hung across the mantel Dutch Colonial days. When t week's cooking was ended a the Sabbath approached, the fi place was dressed up. Sometim this was made of print or flower tabby, sometimes of fine clo trimmed with lace or fringe.

NAME EIGHT TYPES OF CHAIRS.

Windsor or "green chairs", ba nister or split backs, Govern Carver chairs, Elder Brews chairs, roundabout, Cromwellia wainscot, Pilgrim's slat back.

WHAT WAS THE REASON FOR TH USE OF EARLY SIGNBOARDS?

Before named streets with the numbers came into existence a few persons could read, painte and carved signboards and figur were much in use to indicate t locality.

WHAT WAS THE NAME OF A GLA SHADE FOR A CANDLE?

A hurricane shade.

WHAT WAS A COMFORTER?

A little hand-wrought, iron brazi with three tall legs and a lo handle, filled with red coals, whi was passed about for lighting th church warden's pipe. It antedat the match.

HOW DID THE EARLY SETTLERS O NEW AMSTERDAM COME TO B CALLED KNICKERBOCKERS?

The name is derived from the tw Dutch words, Knicker (to noo and Bocker (a book)—the noo ders or dozers over their book

ABOUT WHEN WERE THE FIRS ROCKING CHAIRS USED?

Between 1725 and 1750.

IN WHAT STATE DID THE PRAIRI SCHOONER OR COVERED WAGO ORIGINATE?

In the Conestoga Valley of Penn sylvania. Originally called a Con estoga wagon.

WHAT IS AN OLD NAME FOR A AUCTION?

A vendure.

WHERE WAS THE FIRST AMERICA TURNPIKE?

In Virginia. Started in 1785.

HOW IS THE BETTY LAMP THOUGH TO HAVE GOT ITS NAME?

From the German word besse meaning better. The Betty lam was covered, while the lamp th antedated it was open. Henc "Betty", a corruption of besse

WHAT IS A PHOEBE LAMP?

A small grease lamp made in tw sections—the upper section, a justable and containing the wic

(Continued on page 134)

KITCHEN MAID

STANDARD UNIT SYSTEMS



Five Colors

to choose from—in these units that cover *every* kitchen need

For home or apartment, for kitchens large or small, there are Kitchen Maid Units to fit every requirement in charming colors suiting every taste.

Kitchen cabinets, disappearing "breakfast nooks, dish and broom closets, refrigerators, folding ironing boards, linen cupboards, kitchenette assemblages (with range and sink) — any of these may be secured in the correct sizes for the kitchen you are planning or for your present kitchen.

Each Kitchen Maid Unit is complete in itself — may be used alone or in a combination of harmonized units. Kitchen Maid's exclusive finishes include Dove Grey, Cactus Green, Lama Tan, Travertine Ivory, Shasta White.

Only Kitchen Maid Units provide sanitary rounded inside corners, smooth doors and concealed hinges. Only these units bring you the compact, convenient design which has won them a place in thousands of America's better homes and apartment buildings.

Once you have seen the beauty and distinctive advantages of Kitchen Maid Units, you will be surprised at the reasonable cost of installing them. Mail coupon for Kitchen Maid plan book

remodeling of the kitchen.

WASMUTH-ENDICOTT CO.

"Let the Kitchen Maid

presentatives in all ncipal Cities

KITCHEN MAID

Rolscreens

TRADE MARK



Eliminate the Twice-A-Year Screening Problems!

—ROLSCREENS are all metal construction
—ROLSCREENS roll up and down



Rolscreen details sent upon request.

A joy forever"—these modern window screens (trade-marked Rolscreens) are built in with the windows. No seasonal labor of rehanging, storing, repairing—then, too, much store room space is saved.

Easily, they roll up or down. Up, they are out of sight and protected for that second or the entire season.

The special Rolscreen non-rust AluminA cloth is almost invisible and there are no unsightly frames to detract from harmonious window effects.

Rolscreens achieve added convenience and beauty for a practical need. The Genuine Trade-marked Rolscreens are fully Guaranteed.

ROLSCREEN COMPANY
11 Main St., Pella, Iowa

Rolscreens for all types of windows

A QUESTIONNAIRE *for* ANTIQUARIE

(Continued from page 132)

the lower section fixed and intended to catch the drip of the oil.

WHAT WAS A SPARK OR COURTING LAMP?
A small glass lamp with a one-wick burner, containing just enough oil to last the lover's visit.

WHAT WAS A LUG POLE?
A pole of green wood from which the cooking pots were hung on trammels. Lug, "to carry". Antedating the crane.

WHAT WAS "NECKING"?
An astragal or molding, forming a ring or band around a feature such as a table leg.

WHAT WERE PATTENS OR CLOGS?
Thick wooden soles mounted on a round or oval ring of iron to affix to the sole of the shoe, for wear in rainy weather.

WHAT WAS A FLIP GLASS?
A very large drinking glass in which a drink called "flip" was served.

WHAT WAS THE FLIP?
A hot drink (much in use before tea or coffee, in England and America) consisting of ale, eggs, nutmeg, sugar, ginger and brandy or rum, and heated by use of a logger-head.

NAME FIVE WELL-KNOWN SILVERSMITHS WORKING BEFORE 1800.
Paul Revere (Boston), J. DuBois (New York), John Bailey (Philadelphia), John Dickerson (New Jersey), Rogers Daniel (Rhode Island).

WHO WAS THE FIRST POTTER TO USE COBALT IN THE MANUFACTURING OF SALT GLAZE?
Aaron Wedgwood.

WHAT WAS THE FIRST NEWSPAPER PRINTED IN AMERICA?
Public Occurences in 1690.

WHEN WERE CUT NAILS FIRST MADE IN AMERICA
In 1775

GIVE THE DATE OF THE DAGUERREOTYPE IN AMERICA.
1839

IN WHAT YEAR DID THE STEEL PEN SUPERSEDE QUILL PENS?
1803

IN WHAT YEAR DID ELECTRO PLATING APPEAR?
1805.

WHAT IS THE MEANING OF THE WORD GLAZE?
Glass.

WHICH OF GEORGE WASHINGTON'S ANCESTORS FIRST CAME TO AMERICA?
His great-grandfather, John Washington, emigrated to Virginia in 1657.

NAME THREE FAMOUS ARTISTS WHO PAINTED PORTRAITS OF GEORGE WASHINGTON?
Stuart, Trumbull and James Sharples.

AFTER WHAT YEAR WOULD IT BE POSSIBLE TO FIND THE STEAMBOAT IN OLD PRINTS?
After 1807—the year of the invention of the steamboat.

WHAT WERE CURRIER AND IVES PRINTS?
Chromo-lithography.

HOW DID THE STATE OF VIRGINIA GET ITS NAME?
From the Virgin Queen, Elizabeth.

WHAT WAS THE EARLIEST SHAPE OF THE SAMPLER?
They were long and narrow without borders.

HOW DID THE FIRST SAMPLER ORIGINATE?
They were first made for pattern—examples or samples.

WHAT WERE SAMPLERS SOMETIMES CALLED PREVIOUS TO 1643?
Needlework horn books, as the alphabet was stitched upon them.

NAME FOUR TYPES OF OLD ROOF COMMON IN NEW ENGLAND.
Thatched (Before 1680—gambrel, gable, oger).

WHAT IS THE MEANING OF POTICHOMANIE?
The art of adorning various glass vessels from the inside with cut out pictures gummed into position and further fortified with paint and varnish. (Victorian era.)

WHERE AND WHEN DID DUNCAN PHYFE WORK?
In New York City from 178[illegible] until 1854.

NAME FIVE WELL-KNOWN CABINET MAKERS OF AMERICA.
Wm. Savery (Philadelphia 1760), John Townsend (Philadelphia), John Goddart (Newport), Nicholas Desbrow (Hartford), John Carlile (Providence).

WHEN DID GLASS KNOBS COME INTO GENERAL USE IN AMERICA?
In 1800.

WHICH IS THE OLDER IN CABINETRY—LARGE DOVETAILING OR SMALL DOVETAILING?
Large.

WHAT CABINET MAKER WAS NOTED FOR HIS USE OF SECRET DRAWERS?
Sheraton.

ABOUT WHEN WERE SIDEBOARDS FIRST USED?
About 1770.

IN CABINETRY, WHICH IS THE OLDER—SINGLE ARCH MOLDING OR DOUBLE ARCH MOLDING?
The single arch.

IN WHAT YEAR WAS VENEER FIRST CUT BY MACHINERY?
1818.

UNTIL WHAT DATE WAS THE FOOT A PART OF THE END BOARDS OF CHESTS?
Until 1710.

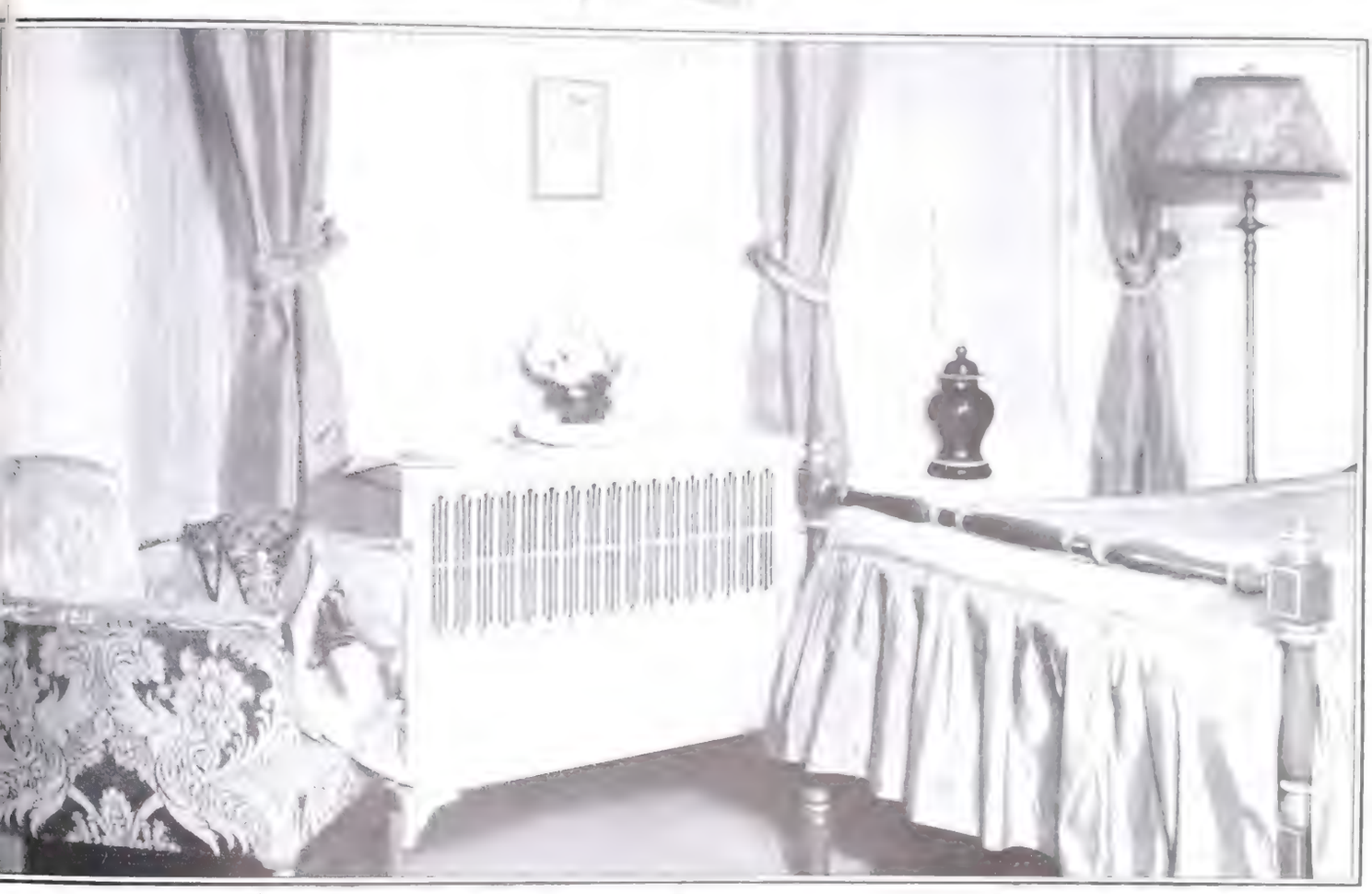
WHY WAS ITALIAN MAJOLICA OFTEN CALLED RAPHAEL WARE?
Because the decoration was sometimes adapted from designs of Raphael's work.

WHEN WERE THE FIRST CASES OF WITCHCRAFT IN SALEM, MASS.?
In 1652.

HOW DID ROSEWOOD GET ITS NAME?
Named from the scent of the wood, resembling the scent of the Rose. In use since about 1800.

(Continued on page 138)

What! An Uncovered Radiator?



At last the awkward radiator comes in for attention

T'S had a shady past, that radiator! It has stolen the ight cleanliness of wall per and left in its place a ll, drab background of life- s tones. The gay, happy es of surrounding draperies ve succumbed, and turned le under the steady, inside- us draft of heated air. At st a piece of heating equipent amid lovely furnishgs, it has continued on its y neglected. There simply didn't seem ything to do about it.



autiful Mullins Radiator Enclosures and ields glistening in rich satin-like tones of alnut, Mahogany or Old Ivory now enely remedy the grimy deposits of the hady radiator". An Enclosure is placed mpletely over the radiator. It doesn't erfere with its heating efficiency—in fact, ce it acts as a flue to stim circulation, it makes better use of heat.

beautifully proportioned unit of room furother carefully chosen pieces of furniture. cleanliness!

Genuine Mullins Shields and Enclosures are

see the identifying name. Note the substantial, rigid construction, the Armco

artificial heat. See with what perfection the beautiful lasting finish has been applied.

MULLINS
RADIATOR
SHIELDS



Standard sizes are available

or Old Ivory finishes may be had. Department and other stores, as well as dealers, carry both Mullins Enclosures and Shields. Their beauty will captivate you.

A booklet illustrating style and containing full information, will be gladly sent on request. Address Home Furnishings Division, Mullins Mfg. Corporation, Salem, Ohio.

ing efficiency. Balsam-Wool is windproof, waterproof, fire-resistant, sanitary and durable.



It tucks in

—the most important thing to remember when buying insulation

"Shall I select a rigid or a flexible material?" Keep this question in mind and it will be easy to select the right insulation for your home. Then, neither trade-names, salesmanship nor advertising will confuse you on this important subject.

Remember this simple fact: Flexible insulation, such as Balsam-Wool, is made and used for only one purpose—*for insulation*. It is added to walls and roofs—tucked snugly between studdings and joists and into every crack and crevice to make houses heat-tight. There is no other way. Unless *it tucks in*, no material will stop the big heat loss that occurs through cracks.

The thickness of the material used is also quite as important as the type of material. Authorities recommend a *full inch* of insulation as the most profitable investment.

Balsam-Wool is the only blanket form of building insulation sold in *full inch* as well as half-inch thicknesses.

Investigate the subject thoroughly before you spend a cent for insulation. Mail the coupon now for a free sample of Balsam-Wool and a copy of our instructive booklet, "*House Comfort That Pays for Itself.*"

WOOD CONVERSION COMPANY

Makers of both flexible and rigid insulation

Mills at Cloquet, Minnesota

Sales Offices in Principal Cities



Balsam-Wool

—the *flexible* insulating and sound deadening blanket

SOLD THROUGH RETAIL LUMBER DEALERS

The Weyerhaeuser Guarantee is behind Balsam-Wool. It assures highest quality and lasting satisfaction to users.

WOOD CONVERSION COMPANY
Dept. 81, Cloquet, Minn.

Gentlemen: Please send free sample of Balsam-Wool and booklet "House Comfort that Pays for Itself." I expect to build a house ☐
I own an old house ☐

Name _____

Address _____

City _____ State _____

When sore throat rules the house

Don't ever underestimate the danger
of a sore throat. It may
develop into something
many know nothing

The same
this time of the

At the first
tation, use
care. Keep it

Never neglect a sore throat

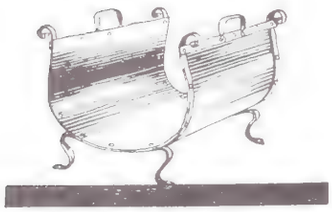


LISTERINE

-the safe antiseptic

WHAT JANET GRAY SAW AT LEWIS & CONGER





SAW the best looking Wood Holder the other day! The frame is of grey wrought iron, the body of red-gold copper that reflects every gleam of light. How it would dress up our hearth, especially with the firelight glinting on it! Sturdily built, too. $24.00

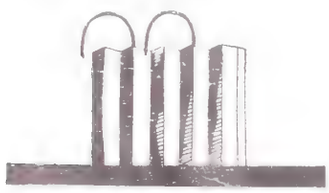
MY young daughter is everlastingly a-washing — stockings underwear, all the things girls do themselves. So I bought her two Radiracks for her radiator. They hold things aloft where the heat can quickly dry them. And when not on duty the arms drop down inside out of sight. $1.50 each.



IN winter my garden is an indoor one. Every sunny window blooms with flowers—thanks to my Window Flower Shelves. These 4" wide shelves extend and clamp to the edge of any window ledge and hold the plants where sun and air can reach them. The Shelves are painted a soft, russet bronze and are—$2.50 each.



PERSONALLY I dislike a clutter of paper bags of vegetables around a kitchen. That's why I bought the Vegetable Binet. It's a light metal rack, perforated — lets the air circulate freely about fruits and vegetables and so keeps them dry and fresh. I bought an extra large size because I like to keep a good deal of stuff on hand. It has 6 bins and costs—$13.50. Two smaller sizes, $10.00 and $8.50



OUR doctor says it's the dry, furnace heated air that helps to bring on colds. Hearing which, I invested in Savo Air Moisteners. Hooked out of sight behind the radiators and filled with water, they keep the air healthfully moist; the heat evaporates the water. Made of copper, so they can't rust. For low radiators—$3.75. For high radiators—$4.25



THE Housecleaning Tray saves me thousands of extra steps. It keeps and carries all my cleaning things together. Has compartments for soaps, brushes, cleaners, et al. My Tray is a lovely blue in color. It was $3.25. You can also get it in red or oak brown.

Janet Gray

LEWIS & CONGER

45th St. and 6th Ave., New York

The articles described here by Janet Gray may be purchased by mail. Free delivery within one hundred miles of New York City.

Send me the articles checked below:

Check ..... Money Order..... Send C. O. D.

Copper Wood Holder	$24.00
Window Flower Shelf	2.50
Radirack	1.50
Savo Air Moisteners	
[illegible]	
Vegetable Binet	13.50
Housecleaning Tray	3.25

Name .....

Address .....

City ..... State .....

HG-6

A QUESTIONNAIRE *for* ANTIQUARIE

(Continued from page 134)

WHEN WAS MAHOGANY IN GENERAL USE?

Although introduced into England in 1595, it did not come into general use until about 1750.

WHAT IS THE PERIOD OF QUIMPER POTTERY?

From 1650 up to the present day.

WHAT IS THE DIFFERENCE BETWEEN EARTHENWARE AND FAIENCE?

Usually, earthenware has a translucent lead glaze, while faience always has an opaque tin enamel.

NAME FIVE WATERMARKS FOUND ON OLD WRITING PAPER.

A crown, a fool's head with cap, an elephant, a pot, a post horn.

NAME SOME TYPES OF DENTAL TRIM USED ON OLD MANTELS, CORNER CUPBOARDS, ETC.

Dental trim, rows composed of small squares resembling teeth; round billet; square billet; cable trim; nail-head; chain; dog-tooth; pellet trim; icicle trim; egg and dart trim; bell flower.

WHAT DOES THE TERM CHAMFER MEAN?

The surface made by cutting away the angle formed by two faces of a timber or stone, etc.

WHAT IS ONE DISTINGUISHING FEATURE BETWEEN WHITE BRISTOL GLASS AND AMERICAN MILK GLASS?

When held to the light, Bristol glass shows an opalescence, whereas American milk glass is a dead white.

WHAT IS THE SIGNIFICANCE OF THE PINEAPPLE IN DECORATION?

Plenty in the Home.

WHICH IS THE EARLIER—TWO- OR THREE-MOLD GLASS?

Three-mold.

NAME EIGHT PRIMITIVE LIGHTS USED IN THIS COUNTRY.

Open iron grease lamp, small fish-oil lamp, Betty lamp, Phoebe lamp, one-wick whale oil lamp, two wick whale oil lamp, astral lamp, spark lamp.

NAME FIVE OBSOLETE OCCUPATIONS OF THE COLONIAL WOMEN.

Webster, Shepster, Sitster, Brewster, Baxter, Spinster.

TO WHAT DOES SANDWICH GLASS OWE ITS SHEEN?

To the use of baries in its manufacture, and from fire polishing.

WHAT IS CHARACTERISTIC OF THE NORWICH LAMP MADE AT SANDWICH, MASS.?

The base is a pedestal in the form of graduating steps.

WHAT IS THE ORIGIN OF THE USE OF THE WORD EARMARK?

A design cut into the ears of cattle as a mark of ownership.

NAME SOME TEXTILES IN USE IN COLONIAL DAYS.

Pineapple cloth, homespun, linsey-woolsey, copper plate or calende red chintz, hand blocked prints, taffeties, damasks.

WHAT IS THE ORIGIN OF THE TERM FLINT GLASS?

From the pebbles known as flin used in experimenting for a le glass which is known as flint gl today.

WHAT IS THE MEANING OF T TERM MILLEFIORE?

Glass of a thousand flowers usually used in making bot stoppers, perfume bottles, d knobs, vases, paper weights a ink stands.

WHAT GLASS WORKS PRODUC LAMPS WITH A WATERFALL BASE?

The Sandwich Glass Wo (Sandwich, Cape Cod, Mass.)

WHAT IS THE MEANING OF THE D PHIN (SEEN SO OFTEN IN SANDWI GLASS CANDLESTICKS)?

It signified to New England s ors, "Fair Weather, white c and blue skies."

WHAT IS THE ORIGIN OF THE L ERTY CAP SYMBOL?

The Phrygian cap in anci Greece and Rome—a cap worn galley slaves when they obtain their freedom. Thus it became emblem of liberty.

WHAT IS AN EYE PORTRAIT?

A miniature of one eye, used a passport during the Fre Revolution, and later, in Engl and France, as a love token in snuff boxes, brooches, rings,

WHAT WERE CHINA STEPS?

Movable, wooden steps to disp china, used on the tops of Hi boys about 1750.

WHAT IS AN OTTOMAN?

A long, stuffed seat, couch divan, without back or arms, quite general use towards the of the 18th Century.

HOW WOULD YOU DISTINGUISH TWEEN OLD AND MODERN BE GLASS?

The old (or Vauxhall) had a w shallow beveling, pressed by h while hot, and at a less ac angle than the modern mach cut glass.

WHAT IS KNOWN AS THE PIT FLASK?

A flask made in the Germ method or, as the glassmak called it, "half post" method. T flask was made at Keene, N Hampshire and at other places.

WHAT WAS THE EARLIEST COLON COINAGE?

The pine tree shilling, made Massachusetts in 1652.

GIVE NAMES OF TEN SOFT PA TYPES OF POTTERY.

Delft, in all forms; all bone ch queens ware, all lustre ware, slip decorated earthenware, Ro ingham, Sunderland, Bow, Le majolica.

CLASSIFY TEN HARD PASTE TY OF POTTERY.

Coarse stone ware, all true por lains, iron stone, Benningt Whieldon, jasper ware, bas biscuit china, Parian, white s glazed stone ware.

WHAT WAS A PILLION?

A pad behind a man's saddle a woman to ride on.

Based on HOOSIER'S quarter century study of kitchen problems

The New KITCHENS by HOOSIER



One of New York's ... estate [illegible] Hoosier equipped ... Master ... and by Carl ... and ... owned by [illegible] Udall for The ... Development Company

CONTINUALLY at work on kitchen problems . . . reducing the number of necessary steps in the kitchen . . . introducing new ways of doing things . . . ways that [illegible] have followed . . .

For more than a quarter of a century Hoosier experts have contributed steadily to the efficiency, convenience and beauty of American kitchens.

And now—an entirely new type of [illegible] sectional equipment, the complete Kitchens of Hoosier.

Retaining all the best features of standard kitchen equipment, they offer improvements, advantages which only the long experience of The Hoosier Manufacturing Company and the skill of its experts could achieve. Builders have welcomed its amazing new efficiency. They have found Kitchens of Hoosier the perfect equipment for *all* types of homes from bungalows to apartments.

Here are some of the unusual new features.

Variety and range of equipment never before considered possible.

There are cabinets, panels, cupboards, hanging [illegible] requirement of the up-to-date kitchen has been [illegible]

Any desired combination of Sectional Units [illegible] can be included, if desired. Notice from the illustrations how effectively this is done.

[illegible] in each unit. Strong hardware. Tight joints.



Whether you build or remodel, whether you plan large kitchen, small kitchen or kitchenette, our experts can assist you. Write for complete information.

Where to see the Kitchens

[illegible] ing beautiful sample rooms

The displays, including many assemblies of Hoosier Sectional Units, represent the latest thought in modern kitchen equipment. You are cordially invited to visit them.

The
Hoosier Manufacturing Co.

Make Your Kitchen as *Beautiful and Lasting* as the House Itself



Well-known homes the country over have kitchens completely equipped with White House Units. The cost is only a trifle more than the cost of old-fashioned wood installations—and the saving on replacement makes the White House Kitchen an exceedingly profitable investment.

White House Units—made entirely of *steel*—are fire resisting, moisture proof and germ proof. Three coats of baked enamel make them sanitary and easy to keep spotlessly clean. Any space may be filled simply by combining standard units. We will be pleased to furnish, without obligation, sketches and estimates to fill your spaces and requirements.

You are cordially invited to visit our spacious new showrooms where many combinations of White House Units, both for large and small homes, are on display.

JANES & KIRTLAND, INC.
Established 1840
[illegible] Park Avenue New York City

The WHITE HOUSE line
is made of Steel!



Sedum adolphi has corn-colored leaves and white flowers—a delicately soft combination. This specimen measures about twenty inches in total width

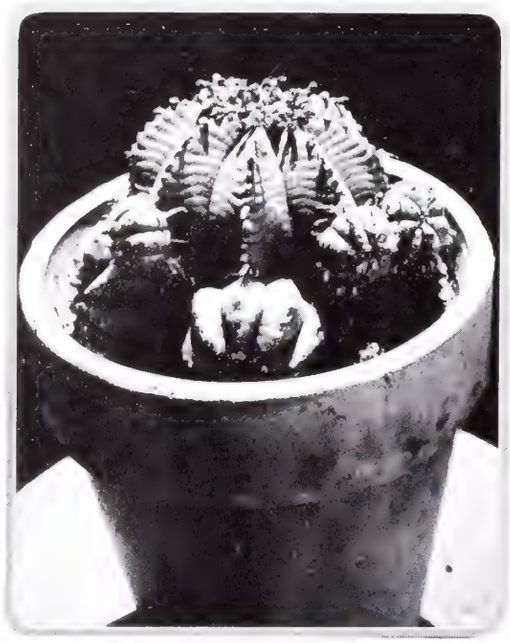
CARE OF A SUCCULENT GARDE

(Continued from page 87)

New England gardener to see Opun[illegible]as with leaves growing out of opened fruit and so forming new plants or becoming part of the parent anatomy, or to find whole little colonies of babies resembling Brussels sprout suddenly born to a stem or leaf. Imagine the surprise of the unnaturalized to discover the fallen leaf of a mature tuted Echeveria which, by contact with the earth, has formed a tiny rosette at the base, and the further astonishment of the beholder on discovering this rosette feeding off the mother leaf until strong enough to send down roots and, in turn, become an independent individual. Other succulents—notably Cacti, Echeverias, Agaves and certain Aloes—multiply by suckers thrown off from the main stem and, if left alone, creates those beautiful, greatly desired clusters and picturesque masses that nestle among the rocks of one's garden. Aloe sucker's sometimes wander five or six f under and around rocks and come Life through a crevice which they in the most enchanting manner, as human hands could possibly do.

The rare specimens, however, gr only from the seed of an infrequ bloom, and the happy hand and gr knowledge alone can force germi tion and entice such shy plants maturity. The Agaves all die a flinging skyward fifteen feet or m of splendid branching flower shaft die as the seed pods ripen and rattl the wind—but all about the dy mother innumerable families of c dren and grandchildren crowd jostle one another, ready to fill vacant place. From this dram death scene has grown a charm myth, and these glorious Agaves com..only and erroneously called C tury Plants by the layman who thi

(Continued on page 142)



Squat and deeply ridged is Euphorbia meloformis, an olive green little gnome set in a blue pot. The smaller plants around it are offshoots

The Table Delicacies for Honor Guests Remember

Poland Water

served to your guests gives the crowning touch to hospitality



GENUINE CONTINENTAL

CORNICHONS

IN PROFUSE VARIETY

For those who know and desire racy, tangy side dishes; those inimitable relishes originated by the inspired chefs of Europe's most famous hostelries.

Six unique flavours—petits anchois, filets de maquereaux, poisson aux arômes composés, and sardines au citron, à la tomate, and à l'huile bound together in one packet. Not too much of any one kind but plenty in all for each occasion.

Send $1.50 to House & Garden for the packet of six cans. Four packets for $5.50. Shipped express collect.



Entertainer Entertains the Entertainer

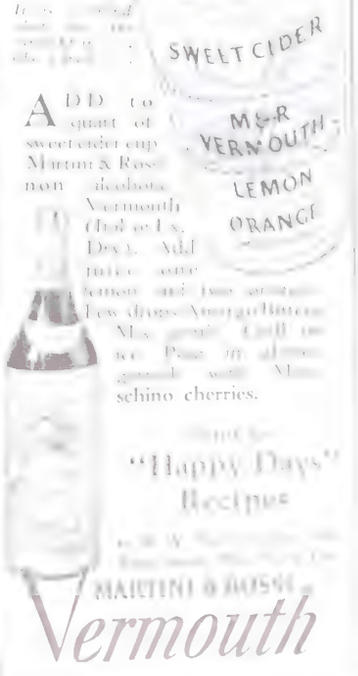


TIGER

Emmental-Gruyere Cheese

LEARN "The GENTLE ANNIE"





ADD to quart of sweet cider cup Martini & Rossi non alcoholic Vermouth (Italian, Dry). Add juice one lemon and two oranges. Few drops Angostura Bitters. Ice. Garnish with Maraschino cherries.

"Happy Days" Recipes

MARTINI & ROSSI

Vermouth

An Oriental Confection



Just the thing to serve to guests about if you like sweetmeats and do not like to gain in weight.

The jars themselves are very attractive; delft-blue, flowered porcelain from Chinese kilns; 5 inches in height, contains 2½ lbs. of ginger in syrup.

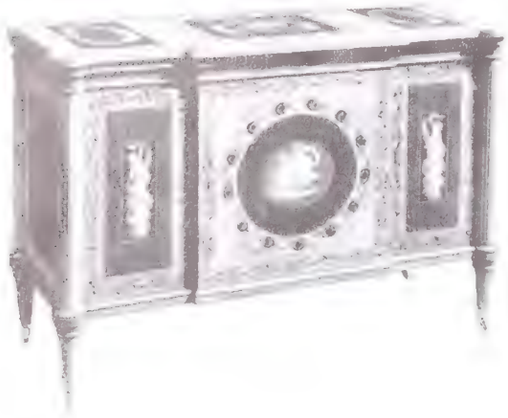


A Surprise!





Richer than any single coffee—these many flavors mingled



There's an aristocracy of furniture, too!

It lies not so much in cost as in the patina's perfect condition

EXPENSIVE furniture may be in poor taste. Inexpensive pieces may have *real* aristocracy. Like that of a peasant who has rubbed a mellow patina on an inappropriate piece of gilt furniture.

Lines are important, so is decoration—most important of all is the condition of the wood. Your furniture—whether it be old or modern—has that air of aristocracy which is particularly VERNAX-ED.

VERNAX was developed by Arthur S. Vernay, famous authority on rare woods, for use on the old English pieces in the Vernay Galleries.

Send the coupon, with 10c, for a liberal trial bottle of VERNAX—test it on your most treasured antique. No tiresome rubbing, no after-scum—just the perfect lustre of really fine wood.

VERNAX floors, panelling and woodwork, too!

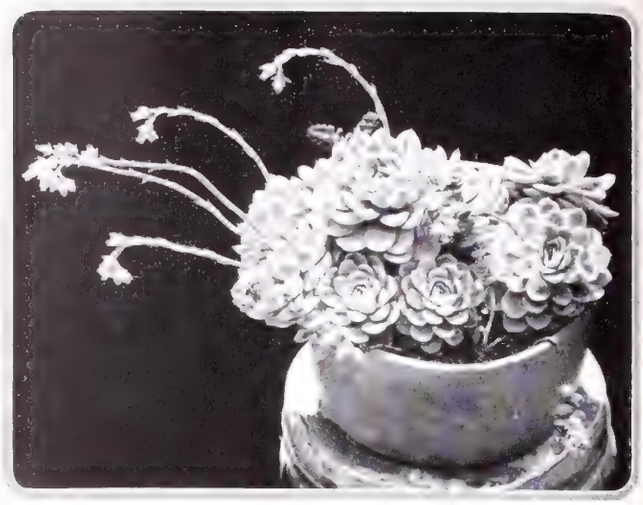
Vernax
Furniture Cream

Schieffelin & Co.
ESTABLISHED 1794 - NEW YORK
For
Arthur S. Vernay
NEW YORK

VERNAX
is especially fine
for
PIANOS
BRONZES
GILT FRAMES
VERNAX
can be had at all leading
Furniture, Department,
Drug and Hardware
Stores.
$1.00 a bottle



Dept. H
[illegible] New York.
Gentlemen: Enclosed is [illegible] trial bottle



There is endless variety among the Echeverias. This one in its earthenware pale blue pot has light gray leaves and flowers of a heate pink—a wholly pleasing color scheme

CARE OF A SUCCULENT GARDEN

(Continued from page 140)

they bloom but once in a hundred years. It is, perhaps, a shabby trick to disturb the mind of this old belief, but given the proper growing conditions a "Century Plant" will come to fruition and death in from about ten to twelve years.

As comparatively little is known about the culture of succulents, except by a few experts, I humbly offer some suggestions from my own experience to those who wish to venture into this fashionable and rather new field of horticulture. No growing thing in artificial surroundings will flourish without constant and intelligent care, and it should be remembered that certain essential elements enter into their successful cultivation. Drainage is probably the most important of these, together with light, dryness and moisture, and the proper combinations of soil. If using pots, where so many of these strange creatures show to best advantage, have extra holes bored in the bottoms to quickly carry off an overdose of water. Always having in mind perfect drainage and wishing to assure it, place broken terra cotta or coarse gravel on the bottom of the pots. On top of this goes a layer of charcoal or a soft pad of sphagnum moss. Then fill to the brim with a mixture of sand and light soil (1/3 sand to 2/3 soil is about the right proportion) and add a little lime or gypsum if the plants are Cacti or desert-born. Once a year, fertilize with a handful of dry bone meal to a medium-sized pot or jar, and broadcast it, likewise, among the garden succulents. This will feed them for a twelve-month, but beware of using manure and avoid, except for Sedums, all leguminous matter.

Plant together those loving warmth, dryness and a sunny exposure, such as Opuntias, Cacti, Agaves, etc., and make other groups of plants which like water or which can be easily habituated to it. After a little experience, a third collection of succulents may be tucked away in a semi-shaded garden corner to demonstrate the interesting and much discussed effects of environment on plant form.

One of the advantages of this sort of gardening is the fact that succulents are practically free from parasites, but

(Continued on page 154)



The "Crown of Thorns" Euphorbia is semi-deciduous. Its stems are brown, leaves green and flowers red. The one pictured here in its blue pot is about four feet across



There is NEW VOGUE in rapery Fixtures

AUTIFULLY finished repr duc
ions of hand-wrought iron, bur-
d high-lights, and touches of
metal trimmings, designs of his-
beauty or startling novelty—
are salient points of the new
"Hi-lite" Drapery Fixtures.
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ir to the windows they adorn—
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have, too, all the perfection of
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they are rustless. Look for the
ifying name "Judd 'Hi-lite'."
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s throughout the country. If
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re supplied, no matter how small
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Inc., 87 Chambers Street, New
City.





JUDD "Hi-lite" Drapery Fixtures

Built to Welcome the Notables of Colonial Days





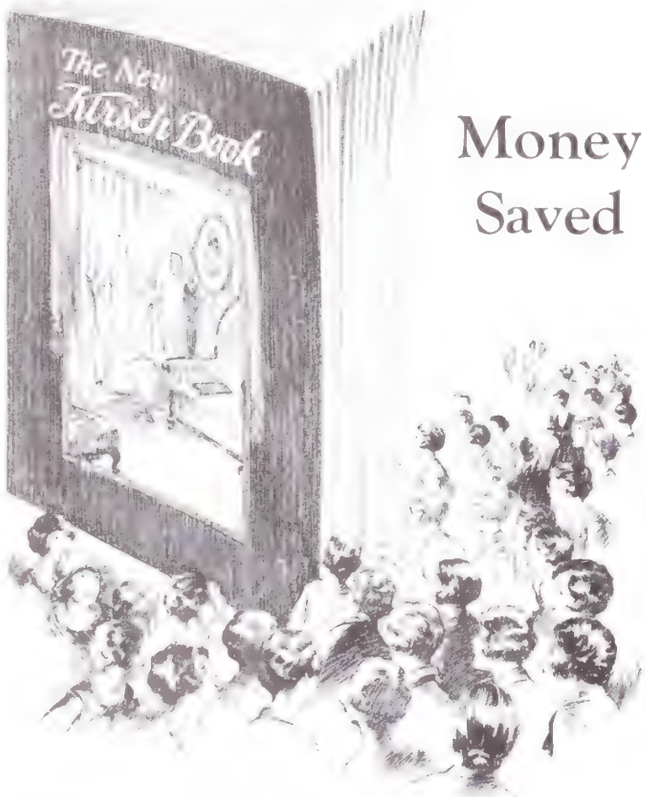


SARGENT
LOCKS AND HARDWARE

Valuable Book—FREE

The latest ideas on window and door draping treatments

Write for this valuable book picturing the latest ideas in window and door draping treatments, and showing "The Last Word" in drapery hardware. Read the book for the newest drapery treatments before you select your materials, before you decide how your draperies should be made, before you buy curtain rods or drapery hardware, and you'll save money. Read the book for ideas whether you will plan your own draperies or use the services of an artist-decorator.



Money Saved

The KIRSCH BOOK Illustrates the Style Trend—

For instance, draw curtains that open and close noiselessly and overlap four inches when closed. Draw cords entirely concealed. Drapery Hardware finishes that blend with woodwork—either invisible or decorative. Ornamental metal and wood poles, etc.

Ask your dealer to show you the Kirsch "Modern Draping" book of 160 pages and the Kirsch catalogs describing Kirsch Extension Rods, KirschKraft Drapery Hardware with or without Perfected Draw Cord Equipment, Atavio Work (Ornamental Decorations) and Better Wood Poles. Kirsch stands for "The Last Word" in Drapery Hardware. Over 100,000,000 Kirsch Rods are in satisfactory service. Over 35,000 dealers sell Kirsch Rods.

KIRSCH MFG. CO., 245 Prospect Avenue
Sturgis, Michigan, U. S. A.

Send this coupon for FREE BOOK



Kirsch Mfg. Co., 245 Prospect Ave., Sturgis, Mich.
Send me your latest Window Draperies and Drapery Hardware.

Name _____



NOTE: The Hartmann line, on display at local, authorized Hartmann dealers, includes the trunk you want, at the price you want to pay—$39.50 to $400.00.

People who live in trunks

. . . and always look smart

In the most fashionable resorts of the world, where appearance means everything, you find countless people who, to all intents and purposes, "live in trunks"—yet are the smartest of the smart.

—and in the same resorts, you find more Hartmann Wardrobe Trunks than any other one make or kind.

Why—why do people whose demand is fresh, perfectly transported apparel, and globe trotters who want rugged durability above all else, choose the Hartmann?

Simply because into every one of the numerous models of Hartmann goes matchless apparel-carrying qualities combined with real resistance to the wear and tear of travel.

At the authorized Hartmann dealer's store, you'll find your pet, personal ideas anticipated in a Hartmann Trunk.

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M. Langmuir Manufacturing Company, Ltd., Toronto
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HARTMANN TRUNKS

BE SURE THE RED HARTMANN IS ON THE TRUNK YOU B





The Pride of Switzerland

Rare, true cheese from the homeland—with the flavor that can't be copied—now always marked "Switzerland"

long ago as the Roman
ston, the native cheeses
witzerland were considered
elicacy. Decade after dec-
, ever since, their renown
spread throughout the
rld. The making of deli
us cheese has become a
iss tradition a Swiss art
be handed down from
her to son.

Any product so excellent,
success so general, would
naturally copied. Switzer-
d Cheese has been imitated
every dairy nation in the
orld. No doubt they have
ed to follow the method
ithfully, but they have
ssed the flavor inevitably.
at belongs to Switzerland
one. It comes from milk
oduced on glacier-fed Alpine
stures such as no other
untry has or can duplicate.
No longer can you ask for
Swiss Cheese"—or even for
mported Swiss Cheese"—
d be sure of getting this rare,
ue flavor. You must ask



salads . . . as a dessert . . .

large. But the rare, true flavor
and quality of Switzerland

by the pound, half-pound,
quarter-pound or ten-cent
pieces instead of sliced thin.
Switzerland Cheese Associa-
tion, Berne, Switzerland.

SWITZERLAND CHEESE











The Vogue of Color in Bath Rooms

An inexpensive route to colorful charm — Ret-Rac Bath Room Sets!

THESE sets come in the loveliest shades imaginable—they transform the staring bleakness of all-white bath rooms into colorful beauty — they harmonize delightfully with colors in modern tiled rooms.

Ret-Rac mats and rugs won't buckle, and always lie flat on the floor. The lid cover (which may be used as a seat after the bath) and stool cover fit snugly. They launder perfectly—never shrink and the colors are guaranteed fast to boiling. Each time laundered the colors will become brighter and the surface more like plush.

COLORS: Ret-Rac sets come in a wide range of sizes, and shades of rose, lavender, blue, green and gold.

Sold in leading stores—the individual pieces or in sets—at very moderate prices. If you have any difficulty in securing the Ret-Rac sets, just write us for information about dealers and prices.

Manufactured by

Carter Brothers
Department A
Chattanooga, Tenn.

RET-RAC

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BATH ROOM SETS

ALL COLORS-GUARANTEED FAST



"Plumrite"
BRASS PIPE
(*made by*)
Bridgeport Brass Company

IN buying brass pipe, a thirty year record of satisfactory service is better than a thirty year guarantee.

Get acquainted with "Plumrite", the standard brass pipe manufactured by the Bridgeport Brass Company. Buy it on its thirty year record. You expect it to last for years and years, giving you no trouble or expense. Buy brass pipe that has proved its worth in service.

You ought to know the brand and the name of the maker of the brass pipe that you have installed. You ought to know more about "Plumrite" brass pipe. May we send you descriptive literature?

BRIDGEPORT BRASS COMPANY

"Makers of Brass Products for Use and Ease"

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BRIDGEPORT

Please send me a copy of "
cents to cover mailing charge

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Plumber's name and address



"The bathroom?" . . .
"Just across the hall"

the factory.

authority on interior decoration

modern.

polished, smooth white surface is

Church Manufacturing Co.





CO., Dept. C

Church Seats

sani-white

Registered U.S. Patent Office, 1898



Why Don't *You* Use These In-the-Wall—Out-of-Sight

ROBRAS 20-20 RADIATORS

In your heart you know you aren't content to let old-fashioned radiators take up space in your beautiful dining room.

Robras 20-20 welded brass radiators are in the walls, entirely out of sight. They make no jarring note with your beautiful furniture and hangings.

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The spring garden and fernery have been built around a natural stream and pool between the house and the entrance gate. Its curving, irregular banks, of a serpentine contour, were developed out of a sandy, level site

A CANADIAN ROCK GARDE

(Continued from page [illegible])

which will soon be added a formal garden containing a Lily pool, that, set at a distance from the pervading natural character of the place, is to be enclosed by a buttressed wall from which to contrast the picturesque.

Topographically, the grounds rise steadily from the highway at the front of the house and then slope away gradually to the brink of a steep bank. Along the base of this bank is a strip of practically level ground of varying width bordering the shore of the lake. The same rock garden covers each bank and basal strip and in several places debouches into the lawn above upon broad, flat-bedded layers trayised by convenient and comfortable steps and terraces. The other rock gardens in the series are moraine, which is located near the edge of the lawn above and apart from the main garden but in close relation to it; and the spring garden and fernery, halfway between the house and the entrance gate. A bog garden, now under construction on the lower level near the lake, is properly a part of the main garden.

Snuggled into the midst of this [illegible] of verdure and bloom, the charming exterior of the house, from any viewpoint, is but half revealed. Indeed, its lines and color tones blend so perfectly with the surroundings that, instead of having a dominating aspect, it is actually and refreshingly unobtrusive. But its fame architecturally is international. In 1914, [illegible] after its completion, it was entered in an American "Best House of the Year" competition in which one first prize and six honorable mentions were offered. The Pratt house at Glen Cove, L. I. won the prize and the Morgan House headed the honorable mentions. Its general design is credited to Mr. David Sherman, of Montreal, who worked under Mr. Morgan's personal supervision.

To the owner's deep love of the natural, his keen sense of the conscientious, his thorough knowledge of plants and their requirements and his ability to express his ideals in prosaic working plans, garden makers the world over are indebted for a marvelous object lesson. In these rock gar-

(Continued on page 148)



Every rock in the new bog garden had to be hauled in from the hills and individually located. Azaleas, Laurel, Viburnums, Iris, Primroses, bog Orchids and many species of Ferns are among the plants already in place



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The lower pool is at the right of the central ravine as one looks up toward the house. It evidences a remarkably successful naturalistic placement of rocks and of the evergreens, vines and flowers which clothe the structure

A CANADIAN ROCK GARDE

(Continued from page 146)

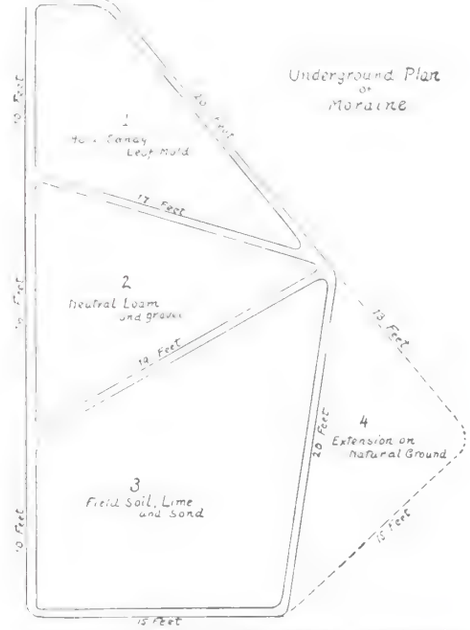
[illegible] he has a rabbit-like criterion which all may emulate—but no hope with some good measure of success.

As helper in the work of construction, Mr. Morgan has been blessed from the very beginning with the services of two men of rare ability, of whom their employer said to me: "Felix Brunet was born here on the place and has played with the rocks since he was a small boy. He knows every one of them for miles around and has proved himself to be a real rock wizard. If he handles a two-ton boulder as if it were a toy, has a seemingly instinctive understanding of balance, and he wedding of lever and fulcrum would astonish Archimedes himself. It is really fascinating to watch him carry a mossy block of stone or a huge boulder into the position desired. The true artist, however, is 'Modest' Wilson. As soon as he grasps what I wish done, he get work with Felix; and I rarely war make any change in the placing of stone. Naturally, though, I kee close eye on all that goes on."

I was very fortunate in getting a good photograph of the new garden in the making, for it sh clearly the different stages in the construction of all the gardens. T were no rocks on the place to with and every stone, rock and bo er in every garden was first lo and marked during the summer in the fields, and hauled on a s boat over the winter snows to the vicinity of its future resting

In the picture Felix is seen me one of these field stones, a bloc of moss-grown limestone, to the h his helper is digging. "Modest" son is hiding behind the camera

(Continued on page 150)



The excavation for the moraine garden is lined with concrete and divided into three distinct sections, each with its independent water supply and special soil mixture

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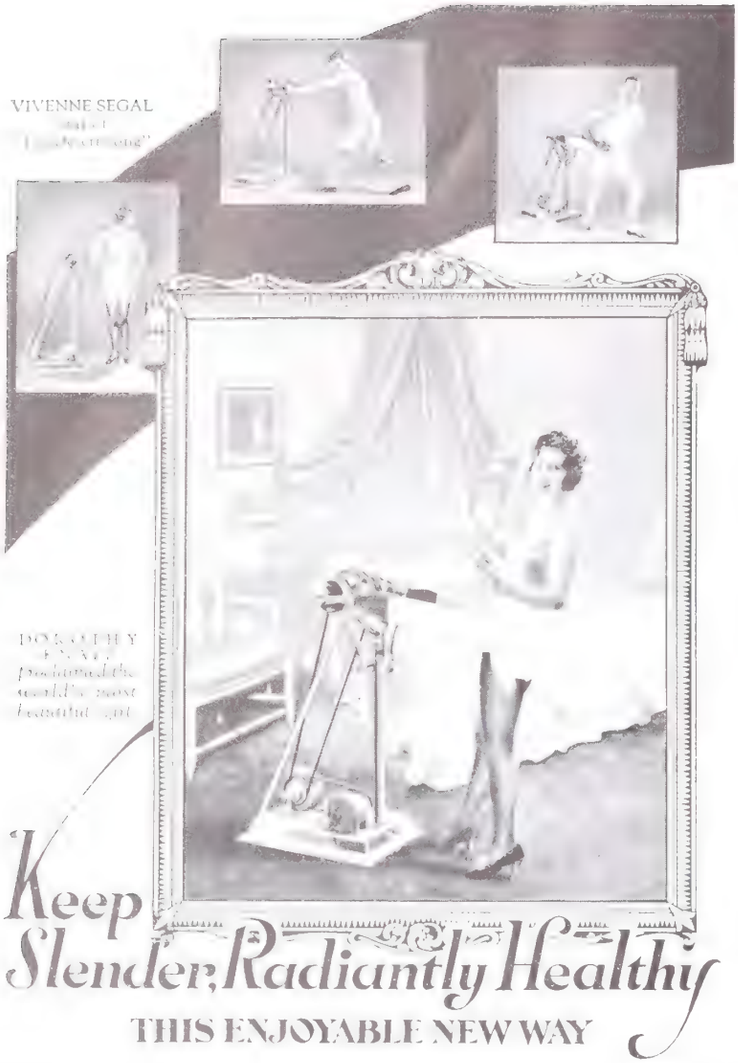
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Keeps You Fit

A CANADIAN ROCK GARDEN

(Continued from page 148)

ing he might be caught in his role of director of the work. He is building an extension of the completed ledges on the right. The impatience of Mr. Morgan to get things growing is shown by the number of low shrubs and herbaceous plants already installed, each marked with a tiny label. Among the more striking are Azaleas, Mountain Laurel, Labrador Tea, Arbutus, Irises, Bluebead Lilies, Peonies, Shortia, Mayapples, Orchids and many species of Ferns. The soil in the low spots in the [illegible] is mostly swamp peat, but above and on top of the ledges it is dry, sandy, limed and compounded to suit the various plants. Note the huge Laurentian builder on the left.

The method of laying and arranging the rocks is the result of close study of Nature's patterns and this method was followed in the construction of the other gardens.

"The view of the central ravine in the sunken garden will warrant me in saying," I overheard Mr. Morgan quoting Dr. Liberty H. Bailey's well known statement, "that rock, rightly placed, is a place in which to grow plants. [illegible] In making a collection of rocks, his purpose is to secure rather than gardening." That this is the Morgan doctrine [illegible] brilliant and artistic results here portrayed. No [illegible] of blossoms without enhancing the general effect, and there is not the slightest intimation that every cliff, ledge and outcrop is the work of human hands, as [illegible] bank of silt, sand and gravel.

To the right of the central ravine, as the observer looks up toward the house, is the lower pool with its tiny cascade. The intervening promontory and the [illegible] wonderful examples of rock composition and planting [illegible], with their decorative coverings and traceries of evergreens, vines and flowers, chosen for graceful, feathery habit of growth and nodding blossoms.

[illegible]

Of absorbing interest to me and to every enthusiast who sees it is the moraine garden on the lawn. While the excellent photograph obtained reproduces vividly the alluring yet decorous charm of the design as completed and planted, it gives no hint of the underground details that are so essential to the health and prosperity of the fastidious species of Alpine flowers it contains. I have therefore drawn a somewhat crude plan of what may be called the underpinning, as a sort of pattern for prospective morainers to follow.

The area to be occupied was excavated to a uniform depth of about eighteen inches and the sides and bottom of the excavation were covered with concrete. The waterproof tank thus formed is divided by concrete ridges into three triangular compartments, each having an independent water supply and a turncock for winter drainage. A six-inch layer of broken stone covers the bottom of all three. Then comes a layer of coarse gravel, on which the soil mixtures are laid. In subdivision No. 1 the soil is acid and sandy leaf mold from the woods, in No. 2 it is neutral loam with a liberal mixture of gravel, in Nos. 3 and 4 it is a blend of field soil, lime and sand. (Subdivision No. 4 extends beyond the tank and is built up upon the natural ground.) An inch or two of gravel was spread over the entire surface and forked in lightly. The top edges of the tank walls and of the transverse partitions are entirely hidden by the cleverly placed rocks and the general effect is of a perfectly natural outcropping.

This provision has been made to supply hundreds of contented and various plants from all parts of the globe with their natural requirements as regards moisture, exposure, nutriment and both texture and chemical reaction of the soil.

[illegible] FOR CANADA'S APHRODITES

The sunny spot on the front lawn near the entrance drive, which included the spring garden and the former evidently called for careful planning and a considerable amount of hard work. The chief purpose in view was to construct congenial homes for those kinds of spring-blooming plants, including bulbs. At the same time provision must be made for successive displays of both blossoms and foliage so the garden would be attractive during the entire growing season. As the selection of flowering species and varieties was to be limited strictly to the garden's aphrodites—mostly natives things from the Alpine crags, moraines and meadows of North America, Europe and Asia.

To meet all these requirements, a wide diversity of contour, soil mixtures and exposure was necessary. There must be hills and valleys, rocky ledges and faces, dry soil and moist, sunny stretches and shaded nooks. And, as a finishing touch, there must be a pool. It happened that a diminutive copse of mixed immature trees and native bushes was growing on the chosen site, which otherwise was smooth and even as to surface and sloped slightly toward the highway. In working out the plan, the coppice was utilized as the principal motif and the other features were grouped about it. Then the whole garden was staked out; the valleys and the place for the pool were excavated; the earth thus removed was piled up to form the hills; the contours were shaped and the paths outlined; and finally the rocks and boulders were placed and the various soil pockets were filled.

Thus far, I have said little about the brilliant assemblage of rare and lovely plants which glorifies these gardens, because it seemed of first importance to tell how they were made and of what materials. And anything like descriptions or a representative list of

(Continued on page 154)





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CANADIAN ROCK GARDEN

(Continued from page 150)

...and the ... conspicuous kinds would occupy most pages of HOUSE & GARDEN then could be devoted to any one subject. So I must, perforce, leave out the illustrations to give the reader a real idea of the gorgeous riots of color, contrasting joy-bringing to the plant-lover, which the moraine on June 1st and 2nd were only brief mention of those that were making the display now elsewhere.

The most striking displays in the rock garden were made by superb sweeps of Saxifrage in which whites, pinks and crimsons were mingled in a wild-flung medley, and by snowy drifts of *Iberis sempervirens alba*. Then there were harmonious hosts of Primulas, Aubretias, Arabis, Violas and Violets, Ranunculus, Crested Iris, Hardy Candytuft, Erysimum and For... with a number of belated ... Narcissus of the ... family, and ... very pr... clump of the glowing crimson Peony, ...

... that border the ... pool the rosy-purple blos... of the Hardy, the yellow flow... of two species of saxifrage and Cowslips and quantities of tiny ... ring the quiet water, while ... down on the margin the clumps of the great Solomon-seal, native and Siberian Iris and Ostrich Fern. Near-by, on the way to the bog garden, are ... of *Dodecatheon meadia*, and *D. frigidum*, with their crimson shooting stars, and one magnificent ... of *Kalmia ...*, *C. ...* and *C. ...* bearing twelve glowing yellow lady-...

... and ... of ... in the spring garden at the time of my visit. The early-blooming bulbs, of which there is an endless variety, had all gone by except for an occasional lingerer, but here and there ... were just unfolding. Of these, *Genista prostrata*, with cool yellow flowers, and a creamy white species of the same family were the most interesting to me. The twenty-five or thirty kinds of Ferns, however, were in their loveliest stages of growth and compensated fully for the meagerness of bloom.

I am giving a rather complete list of the plants in the moraine, as information of this kind is in demand among rock garden specialists everywhere. The shrubs are naturally of low, spreading habit and chosen for both floral and foliage effect. They include the Arctic Birch (*Betula glandulosa*), a handsome little Heather (*Phyllodoce empetriformis*) from the Canadian Rockies, *Cotoneaster ...pressa*, *Cytisus ...dorus*, said by Bailey to be tender although it is perfectly hardy at Montreal, *Daphne ...corea*, the exquisite *Genista ...color*, ... *...ata* and several prostrate ... ...ers, most of them unfamiliar ... me.

Among the flowers, the dazzling white spikes of *Primula involucrata* made the best display, although almost equally striking were the Alpine Poppies, *Gentiana ...ata* and ... *...ecadea*, *Ranunculus ...mmitii*, and *Linum alpinum*. I also noted and admired Aubretias in variety, many ... species of Saxifrage, *Dodecatheon ...pidatum*, *...mmunicat* and ... *...mum*, *D. ...ense robustum*, *Iberis ...mpervirens*, *Iris ...ica*, *Polemonium ...mile*, *Hesperis ...pallidula*, *Silene ...ecidentalis*, *Erysimum pulchellum*, *Gentiana ...ervum* and its kin *Erysimum ...rdomarginatum*, *Viola ...* and other Violets, and unusual and different species of Potentillas, Epimediums, Silenes, Dianthus, Campanulas, Veronicas, Sedums and Sempervivums in good assortment.

Across the highway from the entrance gate is a trial and propagating ... ..., presided over by "Modest" Wm. ... Here ornamental kinds from all parts of the world are tested for hardiness and general worth, and only those that survive the severe Canadian winters and prove themselves worthy of companionship with the elite across the way are admitted to the shrubberies. There is also a tiny greenhouse, with auxiliary coldframes, for growing plants from seeds and cuttings. Mr. ... ... Canadian plant particularly rare kinds from the Far West, and he has accumulated a remarkably fine collection. Many of them are grown from seed, as are most of his European and Asiatic rarities; and he receives frequent supplies from seedsmen in England, France and Switzerland, as well as from collectors in British Columbia and other parts of the Dominion.

CARE OF A SUCCULENT GARDEN

(Continued from page 142)

if certain tender leaves are attacked by snails or slugs easy protection is ... by a ... of an excellent preparation which, looking like toasted bran, does not disfigure the garden as do some other pest-killers.

But all the cunning in the world will not avail if you put a fifty-cent plant into a ten-cent hole—by which is meant, spend less time and money on your plant, get a smaller, younger, less rare specimen, and be spendthrift with drainage, soil and exposure. In the end, the ten-cent plant in the fifty-cent hole will repay you with compound interest.

In this adventure, there is nothing an intelligent person need boggle at; therefore be patient, give loving, constant care to these responsive plant children, do not be fearful of experiments, and when an exotic cannot be happily acclimatized, bravely throw it away. And along with the cultivation of your soil, cultivate also the "happy hand."



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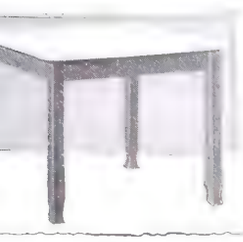
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cloth. Acids in fruits, etc., cause stain [illegible] and complete information sent on request.

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will you find the patented flat, non-rusting metal shelves permitting dishes to slide across them without tipping. Automatic locks [illegible] and never warp or shrink.

[illegible] exteriors, glistening white.

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— and the masonry adds but little more when regular chimney is used. The handy hopper door, shown above, is located right in or convenient to the kitchen. Another can be on the floor above.





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The Kernerator consists of a brick combustion chamber, built in the base of your regular chimney in the basement. Hopper doors on floors above, connect with the flue. Through them is dropped all waste — not only garbage, but sweepings, tin cans, papers and magazines, wilted flowers, cigar and cigarette stubs, even safety razor blades. Scientific, patented construction creates a constant natural draft. Touch a match to the air-dried waste occasionally. Everything is burned completely except tin cans and similar non-combustibles, which are flame sterilized, for removal with the ashes.



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Quercus spinosa, the Lobed-exserta Chinese Oak in the entrance part of the arboretum, is a charming small tree with attractive foliage and acorns, from China

THE MISUNDERSTOOD OAK

(Continued from page 156)

at the Arnold Arboretum are each an Oak tree and many of them are now about fifty years old. But when the Arboretum was started these trees were in an exhausted state of health, which necessitated severe pruning of the crown. For many years afterward they were unsightly in appearance but gradually they improved and now and for years past the rejuvenescence of the majority is complete. The White Oaks best respond to this treatment and many of them have not only taken on a new lease of life but are among the most vigorously healthy and shapely trees in the Arboretum.

Sometimes I think that I like the Oaks best in the springtime when their leaves are unfolding in soft grays, pinks and varying shades of red. At this season the northern Oaks can be studied to advantage, for the color of the very young leaves and the amount and character of their hairy covering is different on every species. These vernal characters are constant from year to year and it is easier to distinguish, for example, a Black Oak from a Scarlet Oak by the unfolding leaves than it is by the mature foliage. Anyone, and an American especially, who happens to be in England during May will note the yellow-green of the unfolding foliage of the English Oak in meadow, park and woodland. So striking is this that the tree is almost as showy in its expanding foliage as the Norway Maple is in blossom.

To speak of the autumn glories of the Oaks is like trying to paint the Lily. In late October and November they claim the stage and the whole countryside is brilliantly lit with their autumnal foliage. The leaves of Oak trees turn later than those of other deciduous-leafed trees; the color, however, is varied irregularly on different individuals of the same species and on some of them the leaves are green while on others they are red or yellow. In late October and early November, when the leaves of most trees have fallen, the most gorgeous tree is the Scarlet Oak (*Q. coccinea*) which has no rival among northern trees in the bright scarlet of its lustrous, deeply cut leaves. The leaves of some trees of the Pin Oak (*Q. palustris*) turn scarlet or crimson when other individuals of the same Oak are still green and often green and scarlet leaves may be seen on the same branches at the same time. This is also true of the Red Oak (*Q. borealis*), the autumn leaves of which on different individuals vary from yellow to dark red, red and yellow and brown. On the trees of the White Oak group the handsomest autumn foliage is found on the White Oak (*Q. alba*) itself. The leaves of this Oak turn later than those of most Oaks and when in perfection are a deep, rich, vinous red. The leaves of the Bur Oak, Swamp White Oak, Post Oak, Chestnut Oak and others turn yellow and leather brown and from most of them the leaves fall much earlier than do those of the White Oak.

Those interested in matters trivial but often of great importance, will note that the Red and Black Oak groups, which are peculiar to this country, take two years in which to ripen their acorns, whereas all the White Oaks of this country, as well as of Europe and elsewhere, mature their acorns in one season. As a matter of fact, except for two Oriental species, named *Q. serrata* and *Q. variabilis*, all the deciduous-leafed Oaks

(Continued on page 158)



MARBLE that seems flecked with
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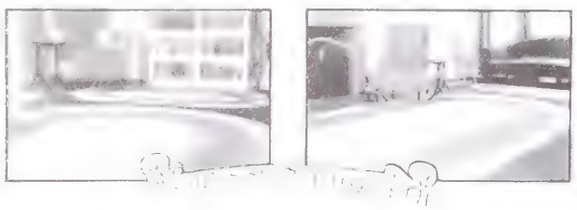
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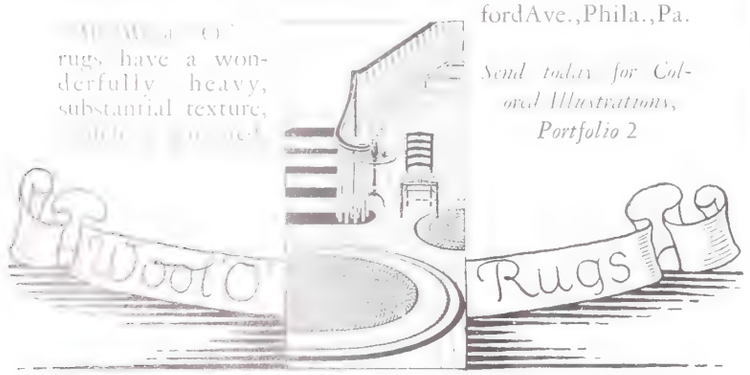
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"Wool 'O' rugs have a wonderfully heavy, substantial texture, which [illegible]

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THE MISUNDERSTOOD OAK

(Continued from page 156)

on the Old World ripen their fruit in one season. Another interesting fact is that serrated leaves, a feature of the European and certain eastern Asiatic Oaks, are unknown among American Oaks. One other point: on the Black and Red Oaks the curious will observe a hair-like thread projecting from the marginal lobes of the leaves. This is absent entirely among trees in the White Oak group.

In the North the climate is such that the growing of evergreen Oaks is utterly impossible, but from Virginia south to Florida and west to Mexico there is no more splendidly umbrageous tree and none of larger size than the Live Oak (*Q. virginiana*). Easily transplanted and of rapid growth, it is frequently used as a shade tree in the southeastern States. No species is better fitted for such purpose. In California one of the dominant trees is the evergreen *Q. agrifolia* with Holly-like leaves.

THE HOLM OAK

There are in different parts of the world quite a number of evergreen Oaks that have spiny, polished, Holly-like foliage. The most famous in history is the Ilex or Holm Oak (*Q. ilex*) of southern Europe. Pliny, writing in the first century of the Christian era, has a great deal to say about the Holm Oak in the grounds of the Vatican. He tells us that there was a Holm Oak older than the city of Rome [illegible] which were associated with Etrurian character, showing that it had been sacred of old. He also states that at Tivoli there were flourishing three Holm Oaks which were growing there when Tibur was founded, centuries before Rome. The Holm Oak is native of the Mediterranean region but is perfectly hardy in southern England and should thrive in California and the warmer States. It develops a stately domed mass of foliage quite distinct in character from other evergreen trees. It grows eighty to ninety feet tall and the spread of its crown one hundred feet and more. The general effect is somber, yet the leaves glitter delightfully in the sunlight and in cloudy weather when the winds sweep up their white undersides and set them a-twinkle the effect is [illegible] pleasing.

Very near akin to the Holm Oak is the Cork Oak (*Q. suber*) which, from its extreme usefulness, is entitled to rank among the most important of the world's trees. A small tree, it is common throughout the Spanish peninsula and in much of the Mediterranean region where limestone is absent. Of all the Oak family this comparatively humble member is of most importance to civilized life since it furnishes us with cork, the annual consumption of which must be enormous [illegible]

To speak of the autumn glories of the Oaks is like trying to paint the Lily. In late October and November they claim the stage and the whole countryside is brilliantly lit with the autumnal foliage. The leaves of Oak trees turn later than those of other deciduous-leafed trees; the color, [illegible] is *Q. spinosa*. This is a relatively small tree with an oval crown and long pendent branchlets. In winter the contrast between this and its deciduous-leafed neighbors is striking.

Trees are singularly like humans in some respects. Not all of them acclimate and make themselves at home in foreign lands. Some of the members of the Oak tribe are good illustrations of this. The Red, Scarlet, Pin and Black Oaks grow quite well in England, but the White Oak clan is much more fastidious and, except in one or two rare instances, refuses absolutely to grow in the British Isles. As if to show its independence the so-called English Oak (*Q. robur*), the noblest tree native of the British Isles, is equally obstinate in the matter of flourishing in eastern North America. When young it grows fairly well but at about twenty years of age it ceases activities in this direction and becomes stunted and merely exists. In fact, of the European species the Hungarian Oak (*Q. conferta*) does best in New England. This has handsome, deeply sinuate leaves.

From the books one would gather that the Oaks of England grow to a much larger size than those of this country. It is from the timbers of this Oak that the famous "wooden walls" of England were constructed. But England is not the only country in which oak timber has been used for ship building. If all the stately White Oaks which were built into the sturdy frame of "Old Ironsides" could be accounted for we would have had a list of historical trees whose adventures would fill a volume. The Avery Oak at Dedham, Massachusetts, was once selected as suitable material for this celebrated and much honored frigate. The amount offered was seventy dollars, but fortunately, thanks to the intervention of the owner's wife, Mrs. William Avery, her husband refused to sell the tree. This took place in the 18th Century and the Avery Oak is today, gnarled but vigorous and in splendid health, being about seventy feet tall and some twenty-three and a half feet in girth. The tree is older than the town of Dedham and enjoys the particular distinction of being adopted as the model for the town seal.

CHARTER OAK

Youth denies these United States such ancient, historical trees as are famous throughout the British Isles, yet there are in New England alone a great many trees connected with important events in the history of the New World. Among these Oaks play an important part. Foremost must be mentioned the famed Charter Oak which stood across the river from Hartford, Connecticut. In the bowels of this tree was secreted by Captain Wadsworth the charter of the Connecticut Colony. In 1687 it had been demanded by the Royal Governor in the name of King James II of England, and after a heated discussion in which the lights were summarily extinguished the charter was rushed away and hidden. In 1689 it was re

(Continued on page 166)



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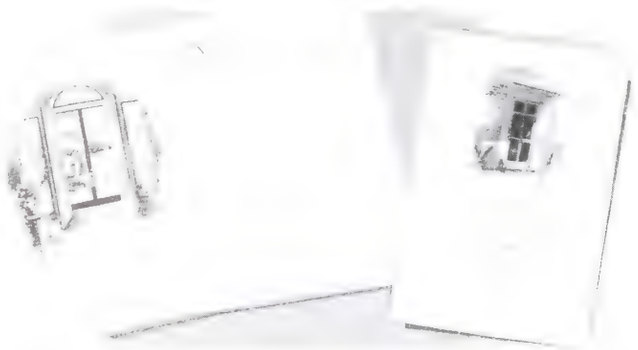
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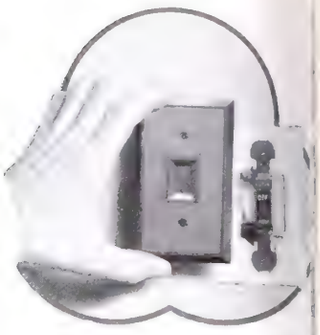
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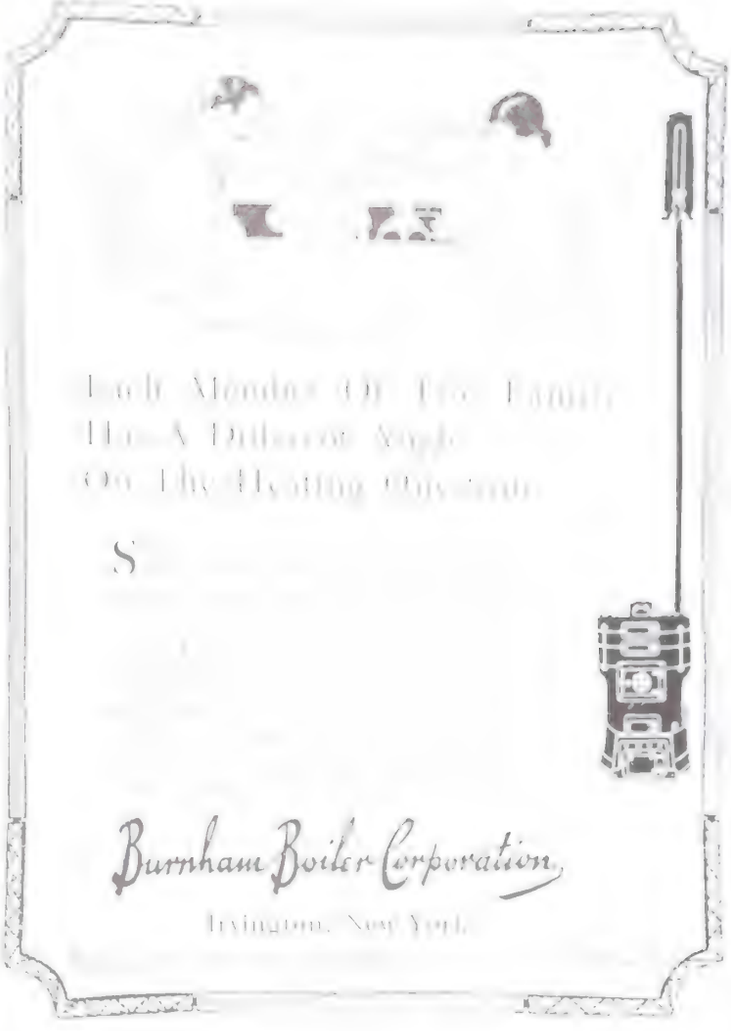
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HOLLYHOCKS

WHEN [illegible] the old-fashioned flower [illegible] the Hollyhock [illegible] But when [illegible] flowers [illegible] with flowers, when we think of Hollyhocks [illegible] a home garden, a [illegible] kinds will there [illegible] of August [illegible] they must [illegible]

To [illegible] the Hollyhock should have a background—a brick wall, or the white-[illegible] of a New England shingled house, [illegible] hedge, or the [illegible] greenery of shrubs. On the other hand, we [illegible] the charm of Hollyhocks against the [illegible] of borders without any [illegible] support, [illegible] the lower clouds of Phlox, which is also at its glory in August. In fact, if one is planning the color in a border, one should take into account the colors from which these tall spires will rise. Late last summer we saw in a border a group of lemon-colored double Hollyhocks, [illegible] of deep purple Phlox—a contrast both striking and agreeable—and the Phlox, in turn, had growing around it the flat umbels of yellow Yarrow—*Achillea ageratum*.

While in the strict botanical sense the Hollyhock is a biennial in that it flowers the second year from seed planting, it really acts like a perennial when set in a congenial environment. Seeds sown in August will give large enough plants to set out in their permanent places in October. To make a striking clump use not less than six plants, and set them about two feet apart. A light winter protection of straw or leaves laid not heavily will be sufficient. The soil for successful Hollyhocks should be fairly rich—well rotted manure incorporated with it, and, lacking that, a generous cupful of bonemeal to each plant. The Hollyhock also appreciates moisture, and should be watered in dry seasons.

For the rust that disfigures the leaves and causes them to drop, spray with sulphate of copper or Bordeau Mixture. Pluck off all undesirable leaves and burn them.

Because of their height, Hollyhocks must be well staked. This process should begin in June; otherwise the plants may be uprooted by the wind of summer storms or be tempted to bend over into grotesque shapes. The stakes used should stand four to five feet high and be at least an inch thick to avoid danger of breakage. It must be remembered that well-grown Hollyhocks catch a good deal of wind in an exposed position and so need real support.

Perhaps of no other flower is the feeling so divided between those who prefer the single kinds and those who prefer the double. Certainly the singles have an older and simpler air, whereas the doubles appear more dressed up and sophisticated. This process of doubling in years past may have weakened the stamina of the Hollyhock family, for at one time they were so subject to disease in England that growers and gardeners generally had to stop propagating them. However, that is past, and both single and double kinds now seem to grow equally well.

There is also the mixed opinion of the Hollyhock as a cut flower for decoration. Some gardeners hold that it should be used as a border plant alone; others think that it may be cut and brought indoors for decoration. For the latter use, the yellow kinds seem to hold up their heads much better than the pink.

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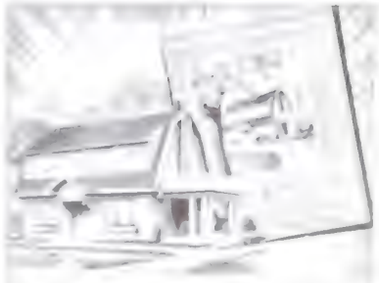
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NOTES ON SEVERAL THEMES

(Continued from page 164)

A CLOSED IN PHLOXES—It is rather curious how seldom one sees any but pink and scarlet Phloxes in this country. Strolling along beside the famous long herbaceous border at Hampton Court this summer I was struck by the great number of varieties exhibiting various tones of lavender and violet and by the charming way in which they filled the rôle of mediators among the high-colored summer flowers. These lavender and violet Phloxes were decidedly in the ascendancy and made possible the use of many yellow-flowered plants with which the pink and scarlet varieties would have been in deadly combat.

Particularly fine were the groups of lavender Phloxes combined with an especially lovely yellow Salpiglossis *(S. sulphurea)*, and Helenium Riverton Gem was well placed as a background for some of the deeper toned Phloxes. These were also a number of good associations with lemon-colored African Marigolds, Zinnias in cream and yellow and orange, as well as with brilliant Tritonias and [illegible] season. Among them the soft lavender and violet Phloxes gave just the needed note of serenity.

It goes without saying that the Phloxes in this famous border are superbly grown, and it is worth noting in this connection that there were no congested clumps of innumerable strong and weak stems, but that each clump had no more than five or six stems, each of which was crowned by a splendid head of flowers. Phloxes should be often divided, the weak portions thrown away, or allowed to [illegible] pieces with one or two stems replanted in good soil. Following are the names of some of the best lavender and violet varieties noted in the Hampton Court border:

Eugene Danzanvillier, lavender with white center; Plantagenet, soft lavender; Nora Leigh, very dwarf, lavender-violet; Derviche, rich violet with reddish eye, very striking; Ellen Willmott, pure lavender, semi-dwarf; Daniel Lasseur, lavender, very tall and beautiful; Lucy Baltet, lavender, fine for massing; Spirate, mauve, dwarf; La Perle, pale mauve; Paul Bert, bright lavender-violet paling towards the center. Fine for massing; Le Mahdi, deep violet, tall; Iris, fine lavender-blue, tall; Cendrillion, white with violet tubes forming a deep-toned eye; Papillon, deep violet with lighter eye. Wanadis is also a most lovely variety.

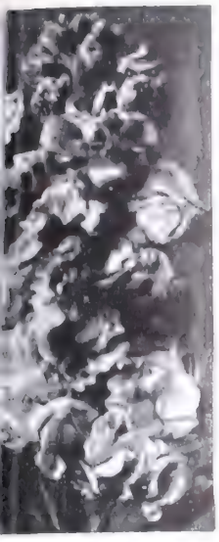
FAIRY FLAX—For the rock garden no blue flower is more enchanting or more easily attained than the Alpine Flax, *Linum alpinum*. It resembles its taller relative *L. perenne* in habit but is not more than six inches in height. Its blossoms are large, freely borne and heavenly blue. Sunshine and a well-drained slope in the rock garden are its necessities, and it may be easily raised from seed sown this spring.

YELLOW CAMPANULAS—A number of inquiries have reached me concerning these rather interesting departures from the gentle blue tide of the Bell-flowers. They seem little known and it cannot truthfully be said that the possess quite the same appeal as do the blue-flowered species, nor are the among the easiest plants to grow. Three among them, however, may be grown with sufficient reward for the trouble entailed. *C. lanata (C. velutina)* is the best, I think. It is a really handsome plant when well-grown after the manner of Canterbury-bells but not more than a foot in height, the stem carrying a fine open head of pale yellow blossoms flushing deliciously to pink. It is not a plant to be had simply for the sowing, but requires care and a choice situation, preferably high and dry and sunny in the rock garden, in well-drained good soil, and a ground cover of stone chips to protect it from corroding moisture, whether of winter or summer. *C. lanata* is not listed as a biennial but certainly it cannot be accepted as short-lived perennial in our [illegible] it grows usually so plenty of seed. *C. thyrsoidea*, on the other hand, is an acknowledged biennial, and is common in Swiss alpine [illegible] It grows a height of about twelve inches, the stem terminating in a crowded spike of pale yellow, fragrant flowers that open from the top downwards. It blooms in early summer and requires a well-drained situation. *C. sulphurea* [illegible] from Palestine which Mr. Farrer says is charming. These yellow Campanulas would add a point of interest to the rock garden of any who care to experiment with them. Seed of all three is offered by a Swiss nurseryman. (Name upon the receipt of an addressed envelope.)

INEXPENSIVE AND CHARMING.—Our native Wild Geranium *(G. maculatum)* is commonly accorded scant appreciation as a wildflower in comparison with many of a more showy character, and is almost never given a place in gardens. It is, as a matter of fact, not quite up to the standards of wildflower popularity because of its rather indefinite color, its frail habit and the fact that it is of no use as a cut flower. But any who have seen it massed in light shadow against a belt of trees, as at Seneca Park, Rochester, must vouchsafe it a very real admiration. So planted it has distinct grace and a color value of no mean quality. Shadow so often gives to indefinite hues a greater depth. Here ready to the hand of anyone is an inexpensive "wild" planting of great effectiveness which would require little or no care. Bulbs could be naturalized among the Geraniums for a spring display.

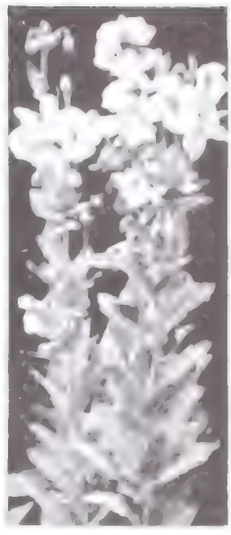
A WEE MARIGOLD—In a Scotch garden last summer I made acquaintance with the smallest and brightest Marigold that I had ever seen. Its label read *Tagetes signata pumila*, and on consulting various catalogs I find there are several forms of it. In this lovely Scotch garden it was used as an edging to a border of low-growing late summer annuals and perennials and was most effective. Each plant was a veritable ball of beautiful bright yellow blossoms marked with red, and not more than five inches tall.

(Continued on page 166)



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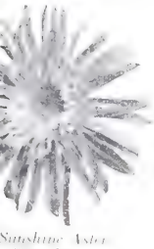
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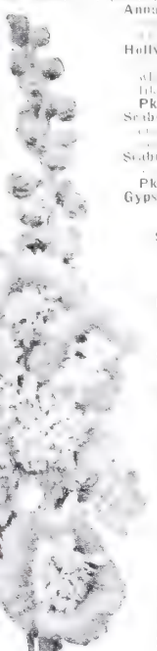
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Bedding Petunia

Single Aster

Siberian Wallflower



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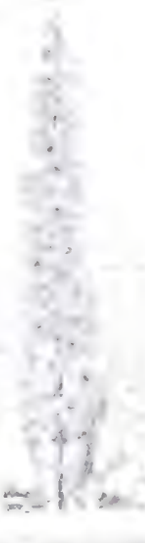
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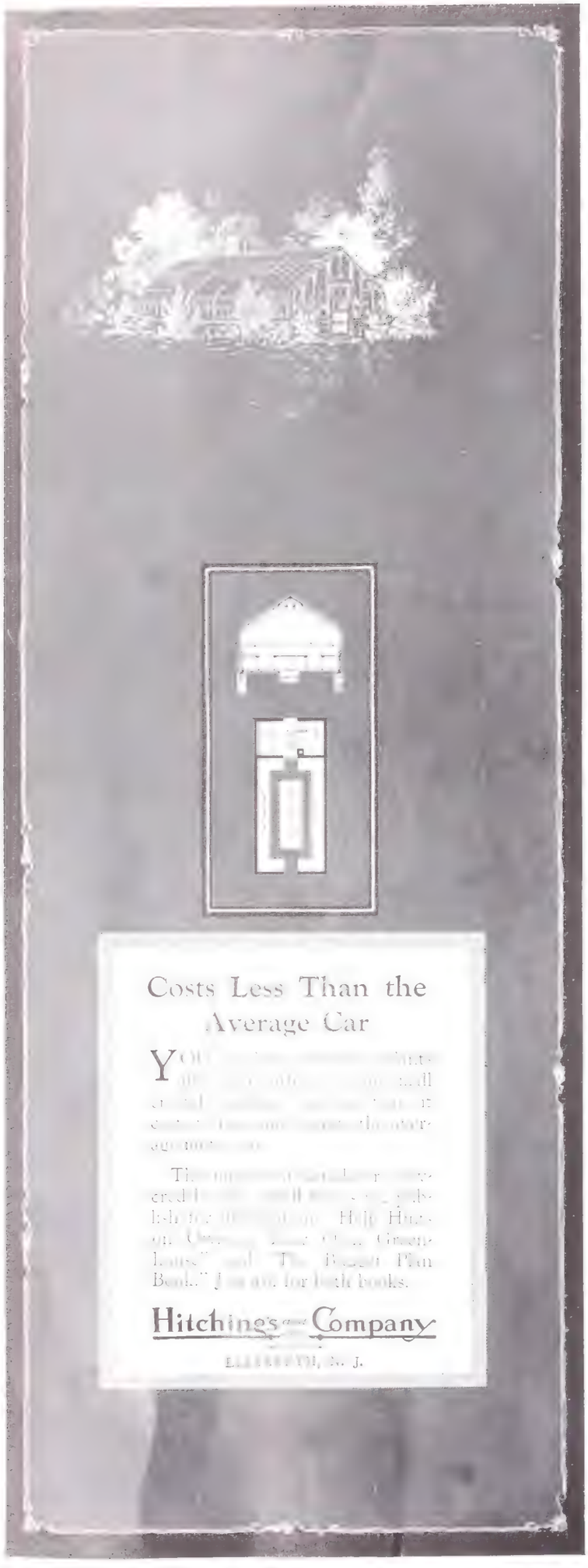


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NOTES ON SEVERAL THEMES

come about by chance, always providing, of course, that the gardener is all spontaneity as the enemy of order. In the rock or wild garden where the self-sowing of plants is more often permitted than in strictly dressed regions, many jolly companionships be summarily suppressed. Many of garden are not only charming where they occur but are suggestive for wider plantings than are possible in trated here and both are concerned with that indefatigable sower, *Scilla siberica*. If you do not mistake its delicate seedling "grass" for true grass and root it out, you are in for many delightful surprises as well as hundreds of these charming blue flowers after they have begun to attend to their own planting. In the case of the spring they emerged from their tight looking but both patently triumphant. decidedly *bi*, and suggested the desirability of making more of the association of these two early bloomers. A rich in leaf soil would be ideal for such a display.

Long ago in this garden Scillas sowed themselves in a patch of the little early White Violet (*V. blanda*). Nothing could be fresher and more stimulating than their yearly appearance together, the blue bells vibrating above the hundreds of small white flowers. Often this is a March pleasure, but never later than the first week of April here.

—A more colorful and effective annual Coreopsis is one called The Garnet. Its habit is nice and bushy and its rich color is particularly welcome in the late summer and autumn.

—A good deal of color trouble in gardens, it seems to me, results from an irresponsible use of such terms as lavender, lilac, mauve, violet and purple. Too often these terms as used in catalogs and even occasionally in garden books are the sheep's clothing in which magenta runs riot. Much hard feeling and many clashes would be obviated if the origins of these color terms were taken into consideration. When lilac and mauve are used they should indicate a pinkish tone, the latter derived from Mallow, paler than the former which may be taken as approximating the color of the common Lilac. Lavender, on the other hand, should profess no trace of red, nor should violet. Ridgeway, in his color chart, shows purple as being decided-

THE MISUNDERSTOOD OAK

covered and free government restored to Connecticut Colony. This Oak was Oak trees. Many of them, alas! dying. Longfellow wrote his *Tales*, the ancient Oaks still stand but are doomed to pass in a year or so. The Eliot Oak at South Natick, under which John Eliot is supposed to have preached to the Indians in the 17th Century, died this year. The Grafton Oak, not far from the town square, under which the sons of the soil assembled at the outbreak of the Revolution, still flourishes and so, fortunately, do

The Greeks and Romans believed that the Oak was the first tree that grew upon the earth and that it was the tree of Zeus or Jupiter, the king of gods. In the Roman period the civic crown was of Oak, and a chaplet of Oak leaves was the greatest honor it was possible to bestow upon a soldier. In Anglo-Saxon mythology, legend and literature the Oak is enshrined. The wood has ever been famous for its strength and durability. The bark and cupules of certain species have for centuries had a great reputation as tanning agents. The acorns of certain species have served mankind as food. Though steel has ousted it from its premier position in ship building and constructional work, Oak timber strength and durability.

That a tree so intimately associated with our race has not yet been given its proper position in ornamental planting is not to our credit. Let us begin, and at once. The needs of the Oak are simple. It flourishes best on a deep and heavy loam, depth being of more consequence than quality, since the tree sends its roots deeper into the soil than do most trees. As Virgil says:

"[illegible] tree,
[illegible] awful sovereignty,
Requires a depth of loding in the ground,
And next the lower skies a bed profound:
High as his topmost boughs to heavens ascend,
So low his roots to hell's dominions tend.
Therefore nor winds nor winter's rage o'erthrows
His bulky body, but unmoved he [illegible]
For length of ages last his happy reign,
And lines of mortal men contend in [illegible]
Full in the midst of his own strength he stands,
Stretching his brawny arms and leafy hands;
His shade protects the plains, his head the hills commands."

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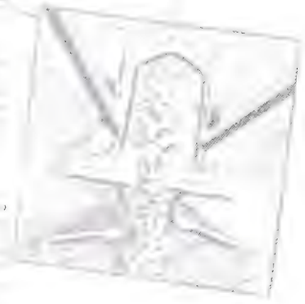
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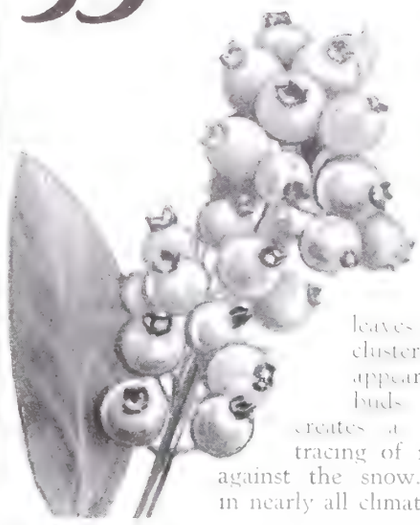
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England's Best



GATEWAYS INTO THE GARDEN

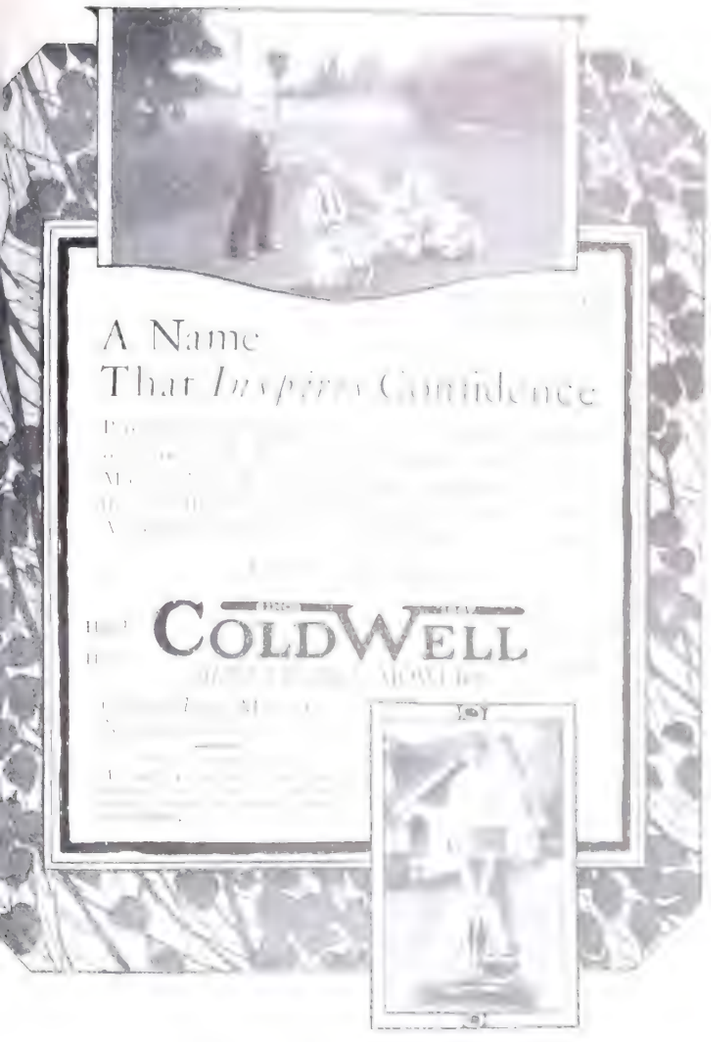
WHATEVER [illegible] not [illegible], the garden [illegible] to [illegible] with the spirit [illegible] of [illegible]. After [illegible], that of a passage [illegible] part of the [illegible] with another, and [illegible] should [illegible] no [illegible] from which-ever side you approach it.

Because its chief importance in the [illegible] from the house [illegible] depends [illegible] upon [illegible] is the architectural style of the dwelling [illegible] duplicate those of the house completely or in part—wood for wood, stucco pillars for stucco tone for tone, and so on. Where the house is of some well defined period type the same feeling ought to be repeated in the gate and its immediate surroundings. Similarly, a note of either formality or informality in the dwelling should be echoed in the connecting link to the garden.

As a rule such a gate is at its best when it arrives some promise of what lies beyond. Thus, a climbing Rose or



Here is some [illegible] *using English masterpiece* [illegible] *English* [illegible] *Edward L.* [illegible] *widget,* [illegible] *the Lord garden d*



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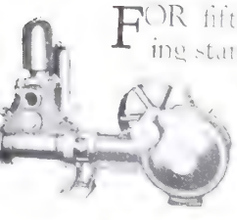
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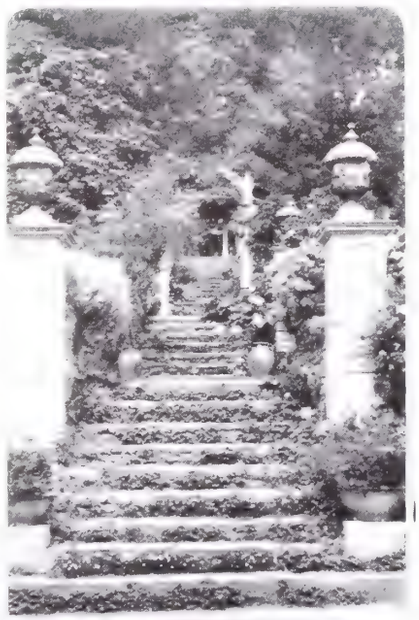
In Gerald Stanley, Surrey, there is a lovely wooden gateway in a [illegible] *hedge, leading to a garden that seems to be just the right accent at [illegible]*

GATEWAYS INTO THE GARDEN

(Continued from page 172)

[illegible] be [illegible] a [illegible] be planted so as to grow over the pillars and archway, as there is one, and a foreground of the flower garden proper. In some cases, especially where a marked "vista" effect is sought, the planting may properly be thick enough to form a passage way of greenery. In more formal instances, however, the vine ought to be kept from [illegible] domineering [illegible].

In almost every instance the gate ought to be located at one end of the garden's main axis. Unless one catches the full beauty of the planting immediately after passing through the opening one loses something of the desired feeling that crossing the dividing line means entering upon a different little world. The element of change, of pleasant surprise, is an important matter in landscaping and everything possible should be done to assure its presence in proper proportion.



A pleasant variation of the old theme of pillars and stone garden staff is given by interesting [illegible] brick plants

Light but adequate and distinctive is the gateway on a Oxfordshire estate with its suggestion of humble fencing



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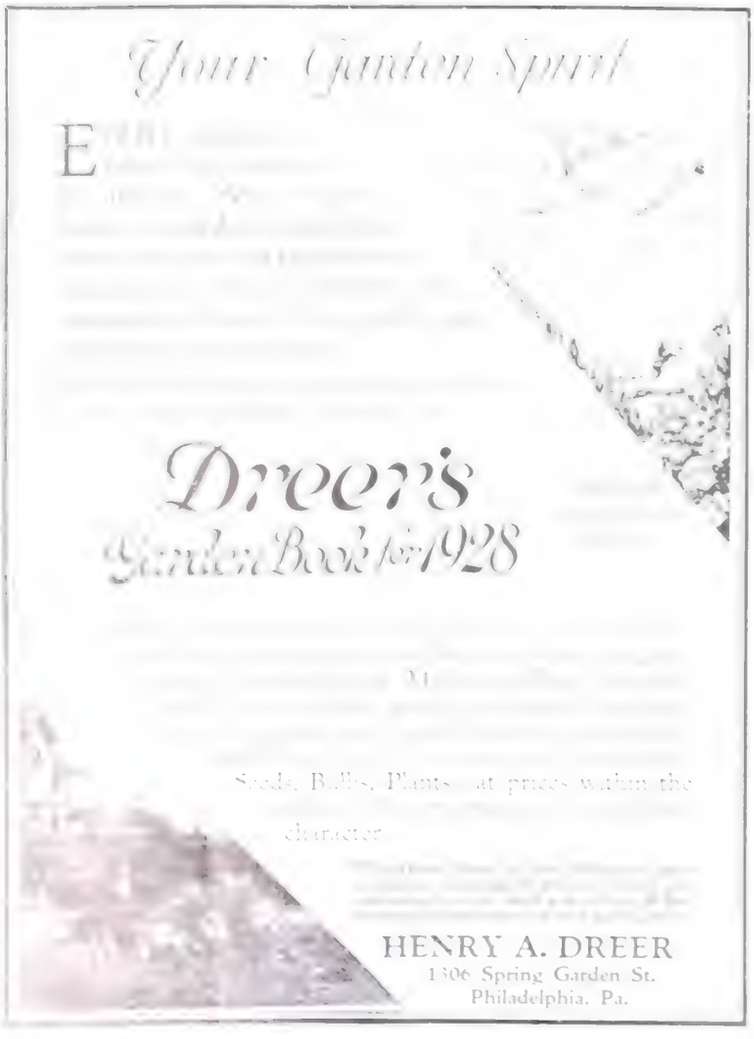
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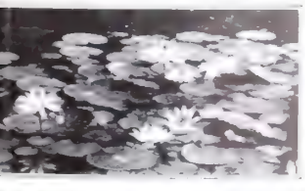


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Under the common name of Pinxter, the first of these Azalea species is well known as a native shrub which is decked out in pink [illegible] woodland and pasture scenes in the [illegible] of May. Singly and in loosely scattered clumps, it is a lovely feature of the eastern countryside at this season, yet few seem to consider [illegible]. Only the [illegible] have discovered that, freed from the struggle for existence in the wild, it grows in beauty and becomes as lovely a flowering shrub as one could ask for in the border or on the lawn.

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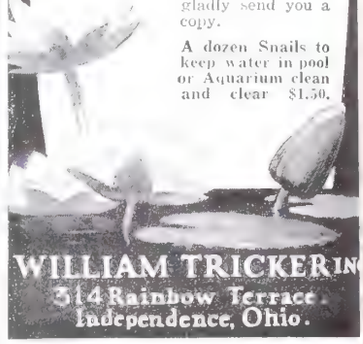
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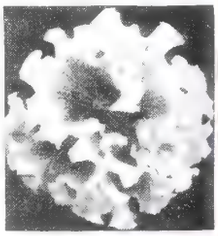
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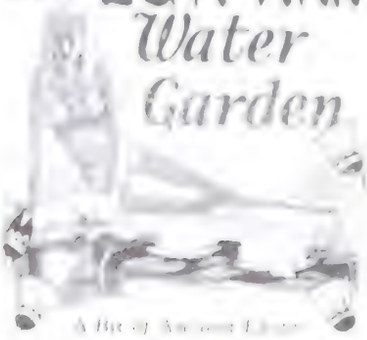


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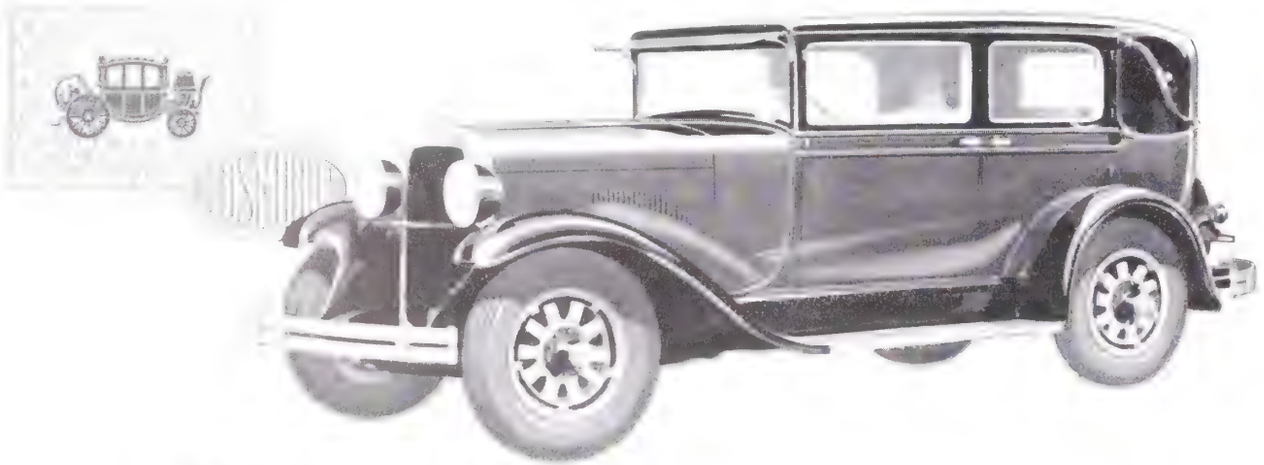
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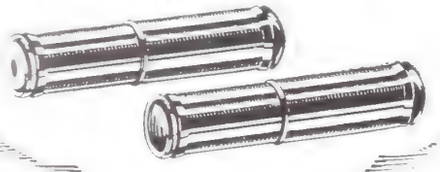
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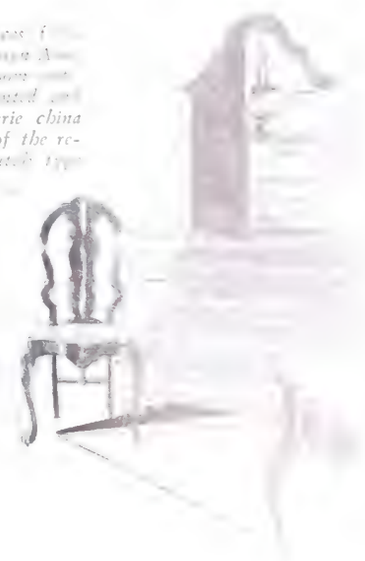
FURNITURE of OLD BEAUTY MODERNLY STYLED

The furniture most sought today is furniture with all the old beauties of the historic styles, interpreted with modern feeling and with real distinction in qualities of construction and finish. This describes Altman furniture, much of which is made exclusively.





Two pieces from a new Queen Anne dining-room suite with painted and marqueterie china cabinet of the related Dutch type



In addition to a vast collection of exclusive productions, the country's resort to the famous Altman "Super-easy" chairs, there are a great many unusual importations, including an interesting group of Provencal pieces for modern homes.

A completely organized Department of Interior Decoration is equipped to plan, estimate and create single rooms or the largest decorative projects, and to furnish advice on the selection of draperies, floor coverings, lamps and other decorative accessories of distinction.

FLOOR

Face Powders



by

WOODWORTH

Creators of Exclusive Powders and Perfumes since 1854 in the fashionable odors VIECAY KARESS and FIANCEE



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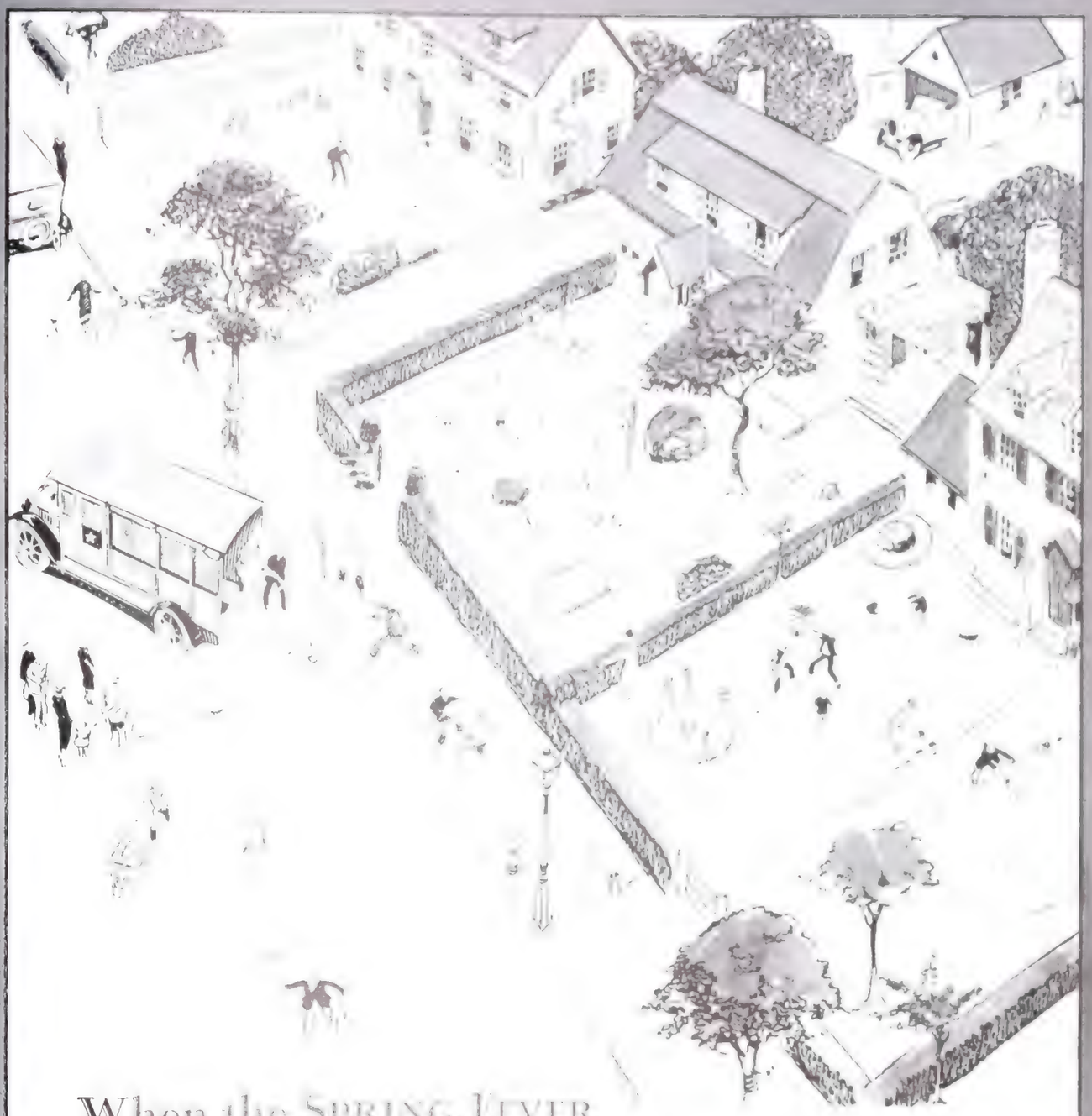
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COME to Macy's for your tools, equipment, seeds, shrubs—everything you need. For years our garden section has been Macy's to professional and amateur gardeners. Two excellent reasons—beautiful stock, ideal wide selection, and prices that yield the full value received.

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The American Gentlewoman, like the Parisienne, is showing a *penchant* for dainty floral *odeurs*—and a preference for Isabey's floral *odeurs*... Gardenia · Lys [Lily] · Violette and Jasmin. Only Isabey offers such a varied selection among floral *odeurs* that are the present trend of Fashion.

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ISABEY · PARIS Inc.
[15 Fifth Avenue, New York

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PARFUMS ISABEY
Originally created for the exclusive use of one of the present Nobility of France

textiles · rugs · ceramics · paintings
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exhibition of

MODERN
french decorative
ART

AS A FURTHER STEP IN [illegible]
THE 20th CENTURY [illegible]
ED A PERMANENT DEPARTMENT [illegible]
TION AND ARE EXHIBITED [illegible]
BY THEIR STAFF.

KENSINGTON FURNITURE

GOLD MEDAL OF HONOR IN NATIVE INDUSTRIAL ART
EXHIBITION ARCHITECTURAL LEAGUE OF NEW YORK



17TH CENTURY ENGLISH OAK DRESSER AND CHAIRS, BY KENSINGTON

*

[M]ost of the [illegible] Early English oak furniture has in its heavy quality—the sense it imparts of homely comfort. [illegible] The hall, [illegible] provided an ample and convenient service board for the refreshment of the squire's guests, and around it were enacted the homely and [illegible] English country life. Today in living-hall or dining room it seems to express something of the sturdy spirit and the warm hospitality that characterized English life of the period.

Reproductions by Kensington are authentic in every detail of design and are made of the solid oak by hand throughout in antique construction in a manner to retain the character and the decorative quality that are the charm of the old work.

*

Kensington Furniture is made in all the decorative styles [illegible] for American homes.

[illegible] your decorator or

KENSINGTON COMPANY
NEW YORK

Write for illustrated Booklet H and pamphlet, "How Kensington Furniture May Be Purchased"

SHOWROOMS · 8 WEST 13TH STREET · SIXTH FLOOR



Hampton Shops

Like some sunny window [illegible] *is this charming* [illegible] *the Hampton Shops.* [illegible] *venient grouping of* [illegible] *an unmistakable* [illegible]

such delightful quality as these that the Hampton Decorators so successfully create, complete in every [illegible] *furniture: in all those many things that go to make the really charming and perfect home.*

IGHTEEN EAST FIFTIETH STREET · · NEW YORK

AN EXQUISITE FLOOD

of unmarred tone is as easily yours to command with the Federal as the brilliance of electricity . . . by the throw of a switch



1-45-60—$600

All-electric operation that is quiet: free from hum and distortion—and safe. No batteries, liquids or adjustments. ¶Housed in cabinets of rarely beautiful design and finish. Built throughout by pioneers in the radio industry, manufacturers of electrical sound transmission instruments for more than a quarter century. Prices from $75 to $1250 (higher in Canada). ¶Battery-operated sets too. Sold on deferred payments if desired. See your designated Federal retailer.

FEDERAL RADIO CORPORATION, *Buffalo, N.Y.*
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A handsome art-folio giving full details of these beautiful and exclusive radio sets. Write for your copy now.]

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RADIO

BUILT TO EXCEED YOUR EXPECTATION



THE Old English character of this room, modified by the furniture of later design, illustrates our policy of combining the best of decorative traditions with the elements of comfort and livability. ✿ ✿ ✿ We are prepared to handle decorating contracts in every part of the United States and Canada, and welcome your inquiry, whether for an occasional piece, furnishings for a single room or a complete plan of decoration.



Send for interesting booklet H, describing the activities of Tiffany Studios.

TIFFANY STUDIOS

To the knowing hostess . . .



There is a subtle difference that marks the distinguished table



As the hostess plans the dinner table, a certain elation is hers, comparable only to the feeling an artist knows. As each appointment is selected, its color and its shape are imagined in her mind as part of the final composition. For it is planning the table for ensemble effect that creates the subtle difference that makes the truly distinguished table. To create this all-important ensemble effect the hostess looks to her linen damask tablecloth and napkins.

Then, standing with her butler, she views the finished table. She sees how the lustrous white background of linen damask gives a gracious enhancement, a suave unification of the setting as a whole. No wonder that to the astute hostess no accessories to the art of dinner-giving are more prized than tablecloths and napkins of lovely linen damask.

'Bring New Beauty to Your Table

"We Dine on Linen Damask" contains descriptions and illustrations of beautiful tables that the knowing hostess will appreciate as a constant source of valuable suggestion. This book sent for 25c. Address—The Irish & Scottish Linen Damask Guild, Inc., Dept. 12-H, 260 West Broadway, New York, N. Y.

LINEN DAMASK
TABLECLOTHS & NAPKINS
impressively correct



Bed-Room Furniture by Kittinger
Re-creates Authentic Period Designs



the low cabinet [illegible] linenfold carvings, the carefully harmonized pieces for suitable arrangement in bedroom and [illegible] gratify a womanly [illegible] ment.

Like all Kittinger Furniture, this entire suite has been executed in solid wood throughout. Only the finest cabinet wood [illegible] or Honduras Mahogany [illegible] design and workmanship [illegible] ever used . . . even [illegible] deep carvings are the [illegible] solid woods.

Like Kittinger suites and occasional pieces for living-room and dining-room and hall, this bedroom furniture possesses an heirloom value associated [illegible] usually expected.

A brochure describing the "Raleigh" bedroom suite together with literature about other Kittinger Distinctive Furniture for the home, club or office, will be sent on request. Kittinger Company, 1562 Elmwood Avenue, Buffalo, N. Y.

Kittinger Furniture

KITTINGER
Distinctive Furniture



Now. . . this amazing new finish. . .

WATERPROOF. Stainproof. Mildew-proof. Crackleproof. Fadeproof. That is the story of Lancaster Stayso Slip-cover Cloth. It has the firm weave and roughish texture of linen; a dull, rich sheen; and a superb permanent finish. All make it ideal for slip-covers, porch furniture upholstery, beach umbrellas, draperies, bathing capes —in short, for a score of interesting uses.

For years Lancaster Slip-cover Cloth has had merited and wide popularity. With this new finish, it is making many new friends.

Ask to see it in your favorite department store or write for samples. Made in four color combinations of Roman stripes. Please give key color of your room when writing.

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Good Taste Plus Good Judgment

save without depriving him of any luxury.

of Buick bodies by Fisher — the comfort of Buick's Lovejoy hydraulic shock absorbers

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iness judgment.

BUICK



WHEN BETTER AUTOMOBILES ARE BUILT · BUICK WILL BUILD THEM



THE full, viscous body of Texaco Motor Oil, no less than its clear, golden purity, accounts for its acceptance among motorists who know and care. Dispensed throughout the country in grades appropriate to the requirements of all makes of automobiles.

FULL BODY



IN ALL GRADES







TEXACO
GOLDEN
MOTOR OIL

The Texas Company, 17 Battery Place, New York City, *Texaco Petroleum Products*

Nahon



NAHON FURNITURE is unsurpassed by the best of foreign make in design, quality of materials, and in workmanship. It is manufactured, moreover, with special regard to our peculiar climatic conditions. * * * As there are no heavy transportation costs and import duties to be paid, it may be purchased at far more reasonable prices than is the case with furniture from abroad.



...Flower Table

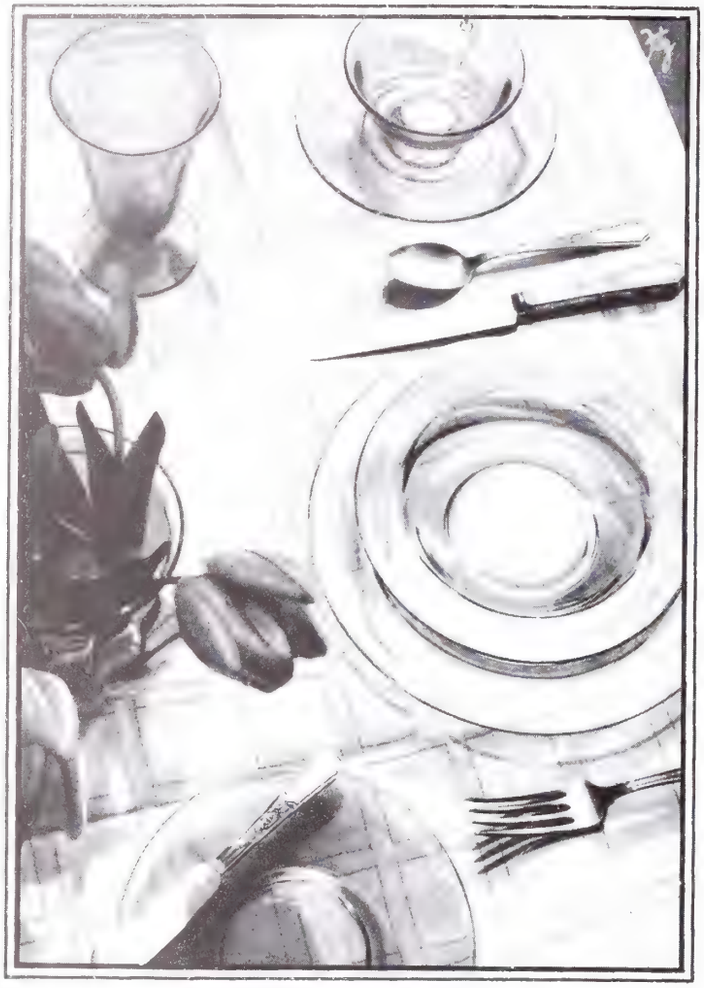
...most graceful ... in the Queen Anne ... most graceful in line, with an unusual pie crust top. The table is of Cuban mahogany throughout. The top is 36 inches wide, and the height is 29½ ... or furniture dealer.

...Price $[illegible] ... New York

The Nahon Company

...Manufacturers

52ND STRE...



Fostoria

Reg. U. S. Pat. Office

Fostoria sets the glassware fashion. Every genuine Fostoria piece leaves the factory bearing this brown and white label.

Fostoria

FINE CRYSTAL AND DECORATED GLASSWARE

HERE IS a table, cheerful and modern, with a colorful simplicity that makes breakfast the most delightful meal of the day:

A PLEASANT LINEN CLOTH, *with a gay border or colored stripes. Orange or blue or green predominating.*

A FOSTORIA BOWL—*amber, blue or green, with a few hyacinths, narcissus or tulips, in your favorite spring shade, arranged simply.*

FOSTORIA FOOTED TUMBLERS, *amber.*

BREAKFAST PLATES, BREAD AND BUTTER PLATES, *also amber.*

CEREAL BOWLS, *amber or blue or green.*

COFFEE CUPS, *amber.*

An amber PLATTER. *An amber* NAPPY.

SUGAR BOWL *and* CREAM PITCHER. SALT AND PEPPER SHAKERS. *In amber, blue or green.*

Orange juice GLASSES *or grapefruit* DISHES, *in crystal or amber.*

FINGER BOWLS, *amber or crystal.*

THE SILVER *needed for breakfast.*

For informal meals, the plain Fostoria in one, two or three colors, combined as you like, is a happy choice. Etched Fostoria with its true elegance is the fashion for a formal occasion. Real Fostoria is made in crystal, green, amber, orchid, a new blue—Azure; Dawn, a new rose, and in a permanent iridescent finish. This finest modern American glass is moderately priced. You will be astonished that a complete dinner service with matching stemware can cost so little.

"The Little Book About Glassware" gives many delightful suggestions for table-setting. Send for your free copy. Address The Fostoria Glass Company, Moundsville, W. Va.



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136 West 52nd Street
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MANUFACTURERS — IMPORTERS — ANTIQUES

Few Greater Joys Than



NO nook or cranny, be it blest with fon
est memories, can surpass the cozy heart
For here one comes to while away an id
hour, an hour free from haste and care ar
from the world. Twilight fades into an ebo
night; and in the burning glow and cracklin
log one sees a face. One lives again the da
of yesterday, then plans anew those of tomo
row. Solitude, happiness, sweet reveries—spe
of the hearth!

In the din and hustle of today we need th
refuge of the hearth. The pains we take i
making it a lovely spot soon find their ow
reward. No mantel or fixture is too fine t
share in its making.

The mantels available through the House o
Jackson will help in making your fireplace di
tinctive. For we offer genuine antique mante
in stone and marble, carved by hand. Son
ornate, others of refined simplicity, with blen
ing colors of luxurious hues. Many of thes
Old World mantels date back hundreds of year
fitting examples of noted periods when artistr
and craftsmanship differed widely from that o
the present day.

ANTIQUE Marble Mantel imported
from Italy. A typical Mantel of the various
Louis XV and Empire periods, secured by our
representatives abroad, priced $800 to $6000.



MANTELS



WM. H. JACKSON COMPANY

ESTABLISHED IN THE YEAR 1827

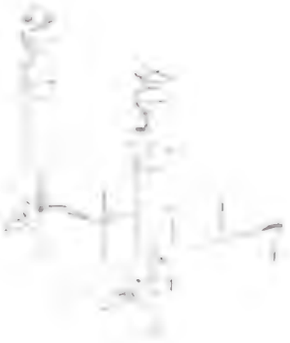
2 WEST 47 TH STREET NEW YORK

318 N. MICHIGAN AVE. CHICAGO

THE OLDEST HOUSE OF ITS KIND IN AMERICA

This — A Glowing Hearth

A



ANDIRONS





WM. H. JACKSON COMPANY

ESTABLISHED IN THE YEAR 1827

THE OLDEST HOUSE OF ITS KIND IN AMERICA

AMERICANS

Say

Sherwood Anderson.

Deems Taylor

Rockwell Kent.

Joseph Urban.

Edward Steichen

"Art in industry attains modernism only when its style and originality are the result of a vital relationship to its period; it has become more particularly the modernism of today because the industrial processes have brought design and pro-

THE FINE ARTS DIVISION
OF THE INTERNATIONAL SILVER COMPANY IS ATTUNED
TO THIS GROWING APPRECIATION OF THE MODERN...
Therefore...A SILVER DESIGN THAT IS WHOLLY NEW



Announcing the

PINE TREE

PATTERN IN
INTERNATIONAL
STERLING



HERETOFORE workers in silver have borrowed much from abroad. But the Pine Tree Pattern is American — and modern.

Its design is free from the cramping dictates of any period. It found fitting inspiration in the tree which, above all others, is representative of America. The pine, like sterling silver, is untouched by the seasons, and its life is counted in centuries. Like sterling, too, it brings a hardy usefulness to match its brooding splendor.

The pine motif, daringly conventionalized in handling, is seen in the delicate tracery of the border, which strikes a perfect balance with the graceful unadorned areas. The flowing outline itself suggests the upward sweep of the trees.

On the back of each piece of flatware is the primitive image of the pine tree, exactly as it appeared on the first silver coin minted in America—the famous Pine Tree Shilling. This pine tree was thus our first symbol of sterling silver. It signifies, unmistakably, that the new silver is sterling. And from the decorative standpoint, the inclusion of this unstudied sculpture of the tree is, perhaps, the most modern touch of all!

A brochure, which more completely describes and illustrates the Pine Tree Pattern, has been prepared. The coupon on the opposite page is for your convenience in requesting it.



Introducing
the

PINE TREE

PATTERN
OF
INTERNATIONAL
STERLING

ITIONAL INFORMATION...

ne Tree Teaspoons, $11. Twelve-piece [illegible]
tion for a complete formal service, $73.35.
ochure illustrating the complete Pine Tree service, including hollow-
will be sent for 10c. Mail the coupon.

[illegible], Meriden, Conn.
Pine Tree Brochure.

H & G. 3-28

BRUSHES OF ARTISTS
for You to Command

Enjoy the Luxury of Choosing any Color or Finish for your Bedroom Furniture

Leavens "Finished-to-your-order" plan of buying furniture delights the lover of color harmony. For under the Leavens plan you buy furniture that harmonizes with your own wall paper, draperies and other furnishings. No matter what color, finish or stain you desire—no matter what decoration you want, Leavens will carry out your home furnishing ideas completely. For your bedroom, Leavens offers furniture in styles and finishes to please the most exacting.

Shown here is a typical bedroom suite which you may secure either as a group or in single pieces. It is a group of rare distinction—Bed, Chest, Vanity Dresser, Dresser Bench, Night Table, Chair and Mirrors waiting at your command the touch of skilled artists and decorators. Perhaps you would like this painted and stained in some shade that will match other furnishings of the room—Old Rose, Chinese Red, Antique Mulberry, Old Blue, or what you will. In fact, Leavens will finish any piece in any color of the rainbow.

If you want decorations, you have at Leavens, artists whose hand work makes the difference between mediocre and unusual furniture. Flowers or ships or conventional designs or unusual treatments will be painted as you order.



This colonial bedroom suite effectively illustrates the character of Leavens Furniture. The background is in maple stain, with painted bands and stripes of soft green and rust. The decorations are quaint old-fashioned clusters. As in all Leavens furniture it may be finished in any other colors or decorations.

Perhaps there is some particular decorative touch that you would like to have. If so, you have but to tell us and we will complete your ideas in every detail. The Leavens reputation for decorative work is as high as its reputation for beauty in color, finish and workmanship.

A Fully Illustrated Catalog Describes this Unique Way to Buy Furniture

In the Leavens "Finished-to-your-Order" Catalog you will find furniture and suggestions not only for your bedrooms but for every room in the house — beautiful Windsor Chairs, Tables, Desks, Breakfast, Dining, Living and Chamber furniture, large and small. In it, too, is described the method whereby thousands are buying individual pieces as well as complete sets finished, stained, painted or decorated to harmonize with the interior decorations of their homes. What is more, the cost is no greater than buying furniture the usual way! If you would like this catalog, please write your name and address plainly on the line below and mail to William Leavens & Company, Inc., 32 Canal St., Dept. G 3, Boston, Mass.

LEAVENS *Furniture*

Name

Address

Good Furniture is *Always* in Fashion



THE FURNITURE STYLE BOOK
Sent Post Paid on Request

Furniture Suggestions for Every Room in the Home

[illegible]

There are certain principles of design and workmanship which do not change with the changing years, and these we strive to practice in our shops, and have continued to practice for 75 years.

Yet the bedroom and dining room suites we offer each year—over a hundred and fifty different styles—are perennially fresh and new—so advanced, indeed, that they set the fashion for a nation.

Our styles change but our standards do not. And that is why the Berkey & Gay Shop Mark is accepted by gentlefolk as a safe guide in the purchase of good furniture.

And why the *Furniture Style Book* is looked to for correct information regarding furniture selection, arrangement and care.

[illegible]



Colorful Upholstered Boudoir Chair

Berkey & Gay Furniture

BERKEY & GAY FURNITURE COMPANY, [illegible]—NEW YORK WHOLESALE SHOWROOM—[illegible] W. 34TH STREET
GRAND RAPIDS UPHOLSTERING CO.—*LIVING ROOM FURNITURE*—CREATED BY BERKEY & GAY DESIGNERS

THE QUIET SI-WEL-CLO IMPROVED





An aid to clean healthful living

THE most modern of all water-closets—the Improved Quiet Si-wel-clo is ideally shaped to meet the needs of present-day sedentary man. For the Si-wel-clo encourages a natural sitting position and thus assists the digestive tract in performing its eliminative functions.

Another desirable feature about the Si-wel-clo is its quiet operation. The flushing is performed quietly yet thoroughly. Strong, positive action coupled with an over-size passageway assure a quick outlet to the sewer. The mechanical excellence of the fittings obviate trouble and the frequent visits of the plumber.

The Si-wel-clo is but one of the complete line of "Te-pe-co" All-clay plumbing fixtures—famous for years as most sanitary, beautiful, practical and permanent. Te-pe-co Products are the popular choice of architects for either the home or public building.

Be it bathroom, toilet, kitchen or laundry, "Te-pe-co" provides a plumbing fixture gleaming in whiteness, always clean, and from which the residue can be removed with a dampened cloth. Gritty soaps do not scratch the surface—medicine and common acid stains will not adhere. Always bright, rich looking, pride inspiring—yet not extravagantly priced.

Do you know how to properly plan a bathroom? Enclose 10c in stamps for a copy of "Bathrooms of Character"

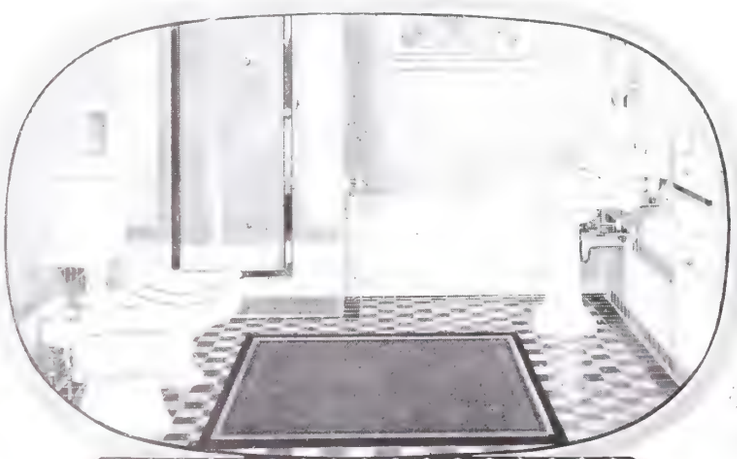
THE TRENTON POTTERIES COMPANY

TRENTON, NEW JERSEY, U. S. A.

Boston New York San Francisco Philadelphia

Export Office—115 Broad Street, New York City

From coast to coast you will find elegant residences like this Te-pe-co equipped.



Many public buildings such as this city auditorium at Macon, Ga., have Te-pe-co plumbing.



TE-PE-CO

ALL CLAY PLUMBING FIXTURES



"That sign shows you how I build *lifetime comfort* and *economy* into homes

Celotex insulates as it builds—making houses stronger . . . less expensive to keep up . . . far more comfortable . . . at very little cost"

NO wonder Celotex is used by more builders . . . specified by more architects . . . preferred by more home owners than all other insulators *combined*. No other building material offers all the services of Celotex. Naturally, you want these great advantages for your home. And here is how to [illegible]

Look for the Celotex Sign

This sign is the mark of a well-built house; made modern with the best insulation that money can buy. Such homes have more certain resale and higher loan values. They are the kind that people want today.

The builders who display this sign are up-to-date. They know the best building practice. They try to give their customers real value in house construction. They are good men to deal with.

Take no chances when you build or buy. There are builders everywhere who identify their houses with the Celotex sign. If you have any difficulty in finding one in your community, write us.

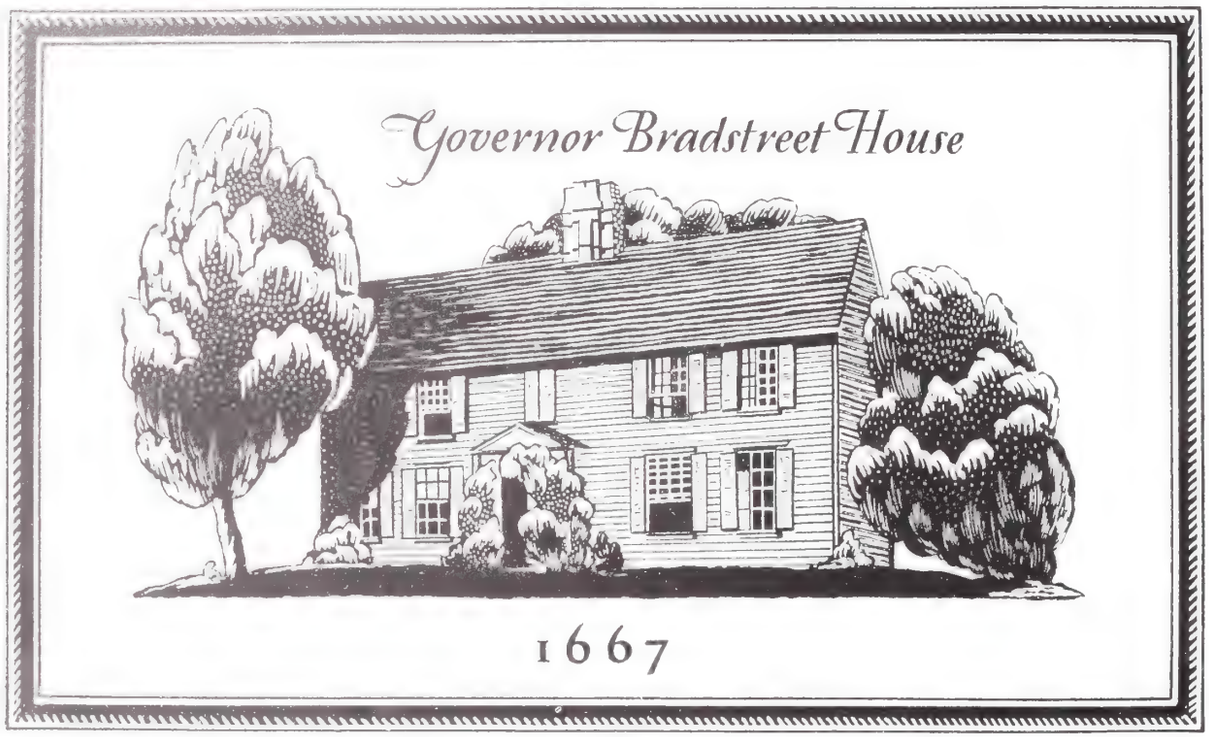
THE CELOTEX COMPANY, Chicago, Illinois

[illegible]

CELOTEX

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The oldest tradition of AMERICAN building craft: "Use White Pine"



At North Andover, Mass. Built of White Pine and still standing



ONE wood stands out supreme in the history of American building art —White Pine. The master builders of earliest colonial times, with virgin forests from which to pick and choose, singled out this wood above all others. Many of the houses they built stand today—amazing proof of the lasting qualities of White Pine —beautiful examples of its unusual response to saw and plane, chisel and hammer.

Truly, the virgin White Pine of New England is virtually exhausted. But White Pine still lives — thousands of acres of it, millions of feet, in the Inland Empire of the Great Northwest.

Here, under the name of Idaho White Pine, is a supply of old growth White Pine sufficient for present and future needs. Easy and quick to work; shape holding; never splitting under nails or screws; with a satiny finish that has a perfect affinity for oils, paints and enamels — it is the finest lumber for outside woodwork and interior finish nature ever grew.

Here in great modern mills and yards, Idaho White Pine is seasoned, milled and graded in a way undreamed of in those early days. From here it goes out to good lumber yards the country over. If the local dealer hasn't it, he can quickly get it in any size or quantity. Architects, home builders, contractors, lumber merchants and mill-work men are invited to write us for full information on their particular needs. Address Dept. 126, Western Pine Manufacturers Association of Portland, Oregon.



Nothing permits such sharp definitions Pine. It is interesting to know that intricate industrial patterns are made from it—not only because it is easy to cut, but because it remains absolutely true as worked.

The Colonists used White Pine thro out their homes. On the outside ma because it was weather defying when unpainted. Inside, becaus could be worked as no other wood c Lastingly beautiful decoration is sured by Idaho White Pine.

Idaho
GENUINE
White Pine
THE PINE WITHOUT A PEER

Inside the Walls Anaconda *Brass Pipe* is bound to be *the cheapest*



LOOK at a house as the plumbing is going in. Pipes between floors, in walls, turning and twisting everywhere . . . always concealed, and always inaccessible. For after pipes are now hidden, never exposed as they once were. To replace or repair them, a plumber will often spend more time in reaching the pipe than in actually working on it. And this is why Anaconda Brass Pipe is now regarded as one of the basic necessities of a well built house, to be selected as definitely, and as early, as the most important building materials.

For it is unreasonable to expect rustable pipe to meet the requirements of modern construction. It cannot be expected to serve permanently. Day and night, the rusting goes on until, in a few years, rust clogs the pipe. The flow of water is impaired and discolored. Leaks develop. And when the inevitable repairing is done the bill is apt to be staggering.

Whether you build or buy a home, the sensible, logical method is to insist upon Anaconda Brass Pipe for all water lines. It serves without repairs or replacement as long as your house stands. It gives a full, clear flow of water at all times. It costs no more, in labor, to install. And the total cost is so moderate that it amounts to only $75 more than iron pipe in the average $15,000 house. Yet its use saves repair and replacement expense averaging $30 every year. Today, in more than 100,000 American homes, Anaconda Brass Pipe is fulfilling its [illegible] And if you will get the facts and figures from your architect, or your plumbing contractor—you will be certain to make the small extra investment that pays dividends in comfort, security and economy as long as your house stands.



ns of Anaconda Bronze wire so much more economical than dible screens that their installa- is an unusually logical step in roofing the home. They cost only $18 more than corrodible screens he average eight room house.

[illegible]

For only about $150 more than the cost of corrodible metals, the average $15,000 house can actually be completely rust-proofed . . . with flashings, rain pipes and gutters of Anaconda Copper . . . with screens of Anaconda Bronze . . . and with hardware of solid Anaconda Brass or Bronze. This modern equipment pays for itself many times over, and always proves an added attraction when the house is sold. Anaconda is the world's largest producer of copper, brass and bronze. Any Anaconda product whether pure copper or copper alloy is best adapted for its purpose. Write to our Building Service Department for our new, free booklet, "Rust-proofed" or for any facts and figures you may require. The American Brass Company, General Offices, Waterbury, Connecticut.



ANACONDA COPPER
BRASS ANACONDA BRONZE

for life-long service, real economy, and

INTERNATIONAL CASEMENTS



RESIDENCE
Mount Vernon, N. Y.

GEORGE M BARTLETT and LAWRENCE LICHT
Associate Architects

COTSWOLD—A Metal Casement of Moderate Cost

THE INTERNATIONAL CASEMENT COMPANY now manufactures but one type of standard window—The Cotswold. The same steel sections are used in its manufacture that are used in International Custom-Built Casements, but being built in standard shapes and sizes it is available at much lower cost. It is so sturdy that it can be glazed with leaded glass if desired, and when installed by International erectors, it is guaranteed weathertight.

We shall be pleased to send you upon request a copy of our illustrated booklet *The Window Artistic,* which gives many interesting suggestions regarding the interior and exterior treatment of windows.

INTERNATIONAL CASEMENT Co INC

JAMESTOWN, NEW YORK

ARCHITECTURAL BRONZE AND IRON WORKS, TORONTO, ONTARIO

A CHARMING COUNTRY ESTATE

to which Creo-Dipts give lasting loveliness

ONE of the charms of Creo-Dipt Stained Shingles is their versatility. In any type of architecture you study this charming style, designed by Architects Trowbridge & Livingston, is right by the seaside or in the country. The gleaming white sidewalls, contrasting

dle—it is placed there for your protection.

principal cities.







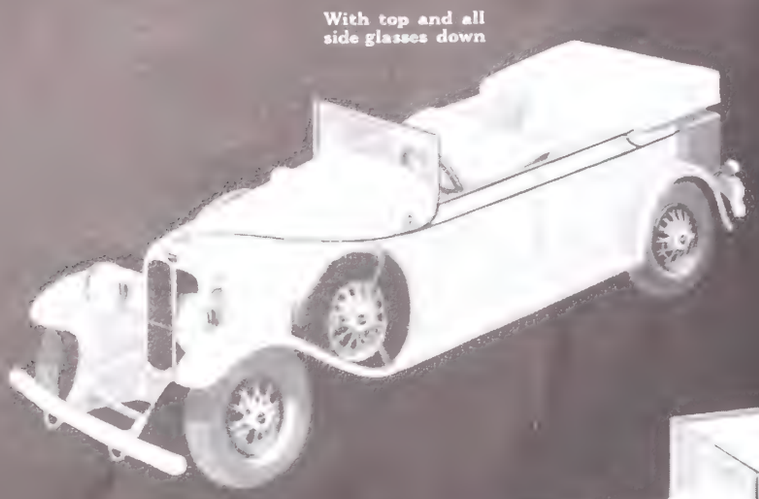
ir fascinating shadow lines, add a touch Jeffersonian simplicity. The roof, with its tch-butts, is a study in intriguing lines.

With all their beauty, however, the big vantage of Creo-Dipts is economy. At eo-Dipt plants, the selected cedar ngles are stained and preserved by ex- sive Creo-Dipt processes—*protected inst weather in advance.*

Nowadays, many owners are laying Creo- pt Stained Shingles right over the side- lls and roof of their present homes, thus ding insulation that saves fuel. At the ne time they save paint, because Creo-

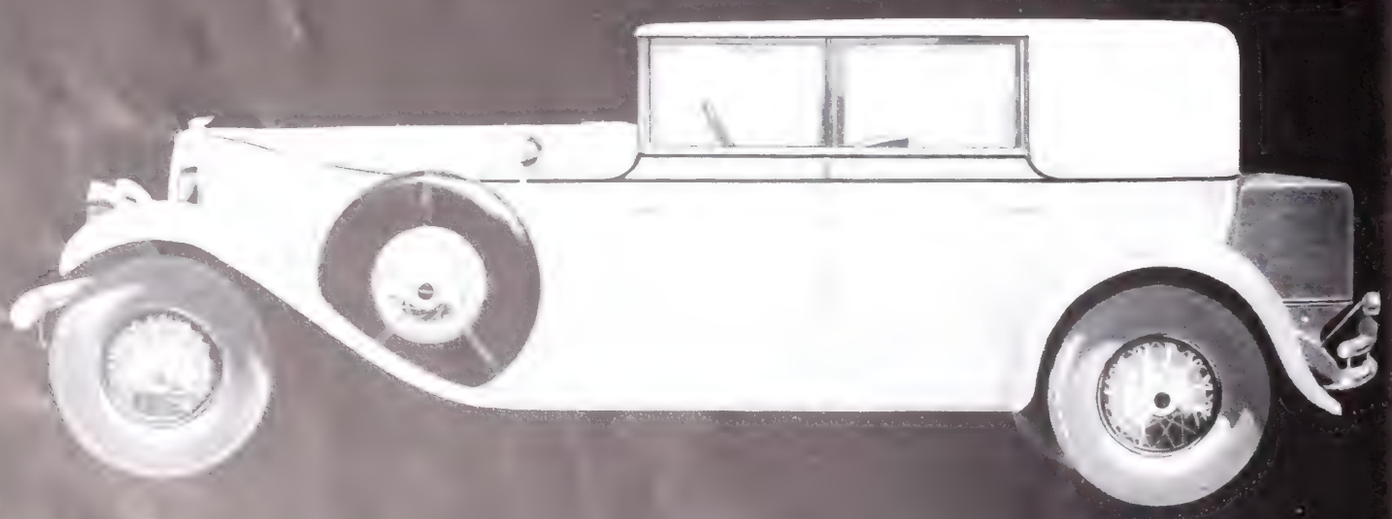
CREO-DIPT

Stained Shingles


With top and all side glasses down

The Phaeton Sedan


With top down and four side glasses up


With top up and completely enclosed

The next advanced change in body styles. Auburn introduces the Phaeton Sedan now, the only manufacturer offering it as a standard model. Others will feature it next year.

YOUR NEXT CAR

AUBURN

POWERED BY LYCOMING

AUBURN AUTOMOBILE COMPANY, AUBURN, INDIANA



THE DISTINGUISHED HOUSE . . . IS BUILT OF FACE BRICK

SURROUNDED by friendly trees the Face Brick house is the cynosure of all eyes. Sun, shadow and elusive blendings play their color symphony on the richly textured walls. Eternal youth, ever colorful, is Face Brick's own characteristic, for this building material never grows old in outward dress or inner staunchness.

And only in Face Brick can the most diverse tastes be met. Color effects without limit and an amazing variety of textures combine to satisfy every preference. The individuality of tone and texture may then be glorified by an almost endless range of bonds, **patterns and mortar joints.**

To surpassing beauty and durability, Face Brick adds economic advantages which save you money. Maintenance is lowered. Depreciation is slower. Insurance rates are reduced. And you enjoy greater fire safety and utmost comfort.

If your hopes include a new home or remodeling, the booklets described below will help you greatly. Send for them now.

AMERICAN FACE BRICK ASSOCIATION
1741 Old Colony Building
Chicago, Illinois

House Shown is Face Brick Design 4427-A

FACE BRICK

requires no paint or whitewash

"*The Story of Brick*"—a beautifully illustrated booklet for the home-builder and home-buyer. Sent to you free.

"*A New House for the Old*"—[illegible] booklet on remodeling. Sent on request.

"*The Home of Beauty*"—containing 50 two-story, six-room houses, in a wide variety of designs. Sent for 50 cents.

"*Face Brick Bungalow and Small House Plans*"—Four booklets showing designs and floor plans for inexpensive 3 to 4-room, 5-room, 6-room and [illegible] houses. [illegible] 25 cents. Complete set, $1.00.

CARPETS *in the* MODERN *decorative spirit*



Bigelow Burbury Wilton carpet, style 3650-64

New and oriental designs which reveal the latest tendencies

STRIKING patterns, touched with vivid color in the manner of the moderns. Themes of Persian and Near Eastern origin. Under these two groupings come the Bigelow-Hartford figured carpets.

Clearly, the first group is for those ultra-rooms of European influence which to some still seem bizarre. The second is for the rooms, halls and galleries which follow the trend toward true period styles, with their aristocratic nuances.

Bigelow-Hartford merchants are prepared to suggest interesting color schemes. A beautiful and helpful booklet on *Color and Design, their Use in Home Decoration* will be mailed to you for 25 cents by the Bigelow-Hartford Carpet Company, 385 Madison Ave., New York.

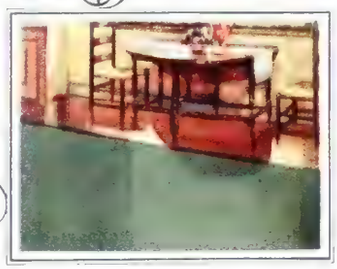
Solid colors which impart new charm to the well-dressed home

COLOR! With carpets, too, the age of warmth and cheerfulness now has its way. Bigelow-Hartford presents new tones of joyous brilliance and of subtle charm.

Orchid, which blends so well with appointments of green or yellow . . . *Tête de Nègre,* a rich setting for furniture and walls in bright rooms . . . *Fawn,* a color that brings gayety by its very presence . . . *Jade,* to give a verdant freshness . . . these are some of the many and strangely beautiful colors that you will find in Brewster Broadloom carpets.

Widths are to be had up to 15 feet. The harmonious colors and deep, long-wearing woolen pile are the heritage of more than a century of distinguished craftsmanship.





Tasteful apple-green Brewster Broadloom carpet, made into a rug, gives smart charm to this combination room

Bigelow-Hartford

RUGS & CARPETS

WEAVERS SINCE 1825

BIGELOW-HARTFORD CARPET COMPANY



Bigelow Lowell Wilton carpet, style 19108-2

Also made in heliotrope, rose taupe and green

We offer the charming bedroom of this period room example of interior decoration by W. & J. Sloane. Tranquil, lovely in feel, it gives promising a confident promise of comfort. setting of this sort is equally adaptable to the town house and country estate.



W. & J. SLOANE

Fifth Avenue at Forty-Seventh Street,
New York City

San Francisco *Washington*

INTERIOR DECORATIONS HOME FURNISHING COUNSEL

Stripes!

—in a window shade that will not sag or ruffle

Self stripes in durable Brenlin



Yet Brenlin costs only a few cents more. Be sure to see the new Brenlin stripes before you buy.

And, to insure smooth operation of *any* shade examine, too, the Breneman roller. It has a highly perfected spring mechanism, designed to work with firm, uniform tension at all times. The Breneman roller never catches or whirls — even with careless handling.

Write for free samples of the new striped materials in various colors and for the name of your nearest dealer. Address Cincinnati.

THE CHAS W. BRENEMAN COMPANY

Cincinnati, Ohio Camden, N. J.

Rain will not discolor it. And its hand-applied tints resist fading in the sun.

BRENLIN

THE LONG-WEARING WINDOW-SHADE MATERIAL

Brenlin Window Shade Co., Los Angeles, Cal.
D. N. & E. Walter & Co., San Francisco, Cal.
The Breneman-Sommers Co., Inc., Portland, Ore.
The Rainier Shade Co., Seattle, Wash.
The Chas. W. Breneman Co., Dallas, Texas
The Breneman Co., Greensboro, N. C.
The Acme Co., Birmingham, Ala.
The Florida Brenlin Co., Jacksonville, Fla.

CHOOSE YOUR PIANO AS THE ARTISTS DO



One of the beautiful new Baldwin models

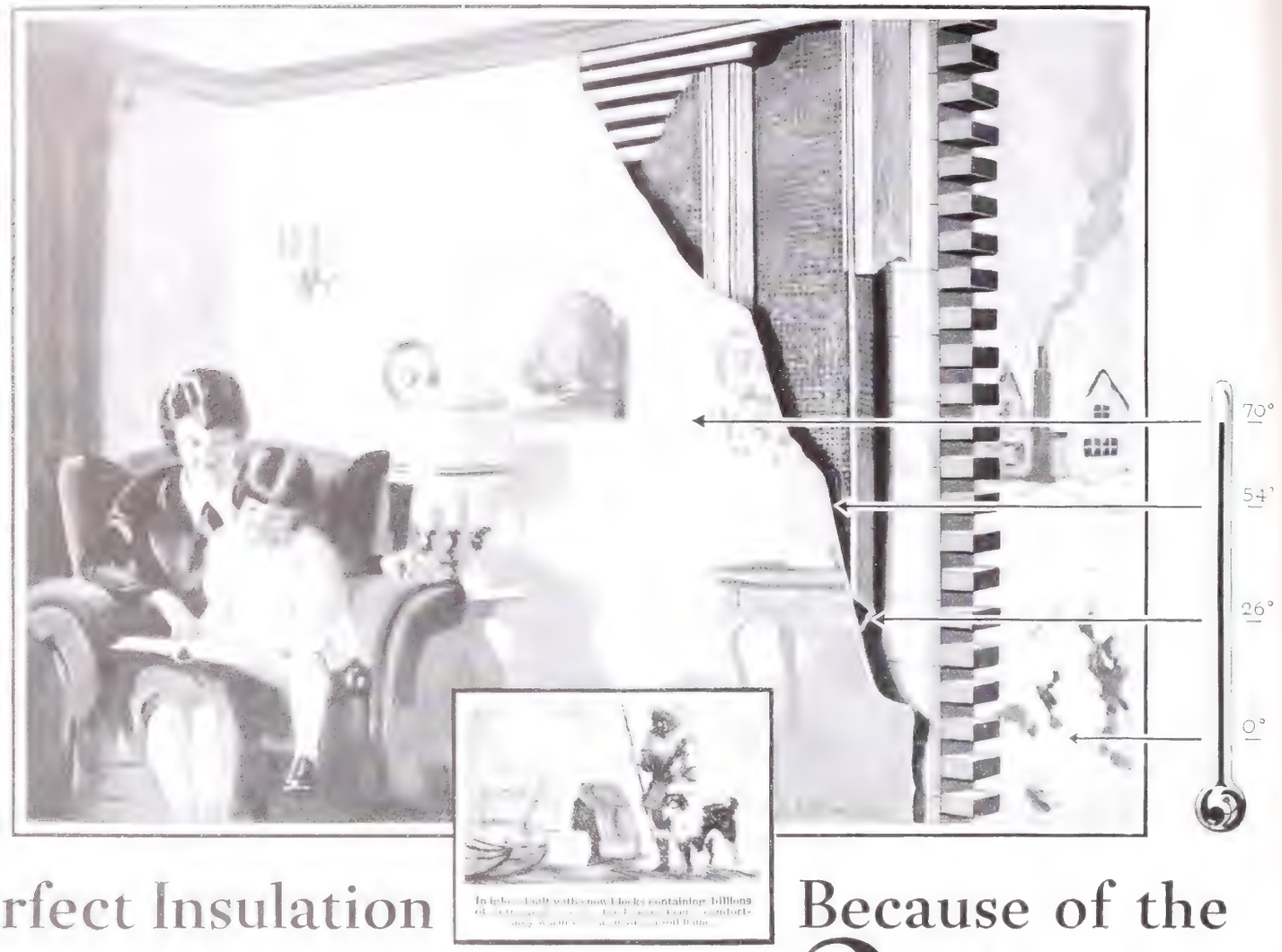
Baldwin
PIANO

An Announcement of New Models

Distinctive triumphs in piano craftsmanship, pianos which attain the perfection sought by world famous pianists. ℂ Sponsored by the ideals through which these artists have raised themselves to the very pinnacle of recognition. ℂ Permitting the exquisite tonal shadings of Gieseking, the grandeur and technique of Bachaus, the surpassing beauty of dePachmann. ℂ Great singers and the foremost radio stations join these artists and [illegible]

in enthusiastic endorsement of these new Baldwins — their evenness of scale, intimate response of action, and tone of glorious possibilities. ℂ Only when you hear and play the new Baldwin yourself will you fully appreciate what Baldwin craftsmen have accomplished. ℂ Visit a Baldwin dealer today and make the acquaintance of this new achievement in piano making. ℂ Priced $1450 and up, in mahogany.

The Baldwin Piano Company
CINCINNATI



Perfect Insulation Because of the Natural Principle of Utilizing 2 *air spaces*

ZERO outside — 70 degrees inside — *and the heating plant not being forced!*

You can have such comfort and economy *with the least amount of thermal insulation,* only when *two air spaces* are created within the wall.

Tests by the U. S. Bureau of Standards show that ½-inch insulation, applied to divide the wall into two air spaces, is equal to ¾-inch thickness used as a plaster base or in contact with the sheathing.

Home owners, perplexed by the apparent economy of using insulations which are *not* installed to form *two air spaces* in the wall, should bear these facts in mind. *½-inch is the economical thickness for wall insulation.* When ½-inch wall insulation is so installed that it does not form two air spaces—*then you must use ¾-inch material to secure the same comfort and economy.*

Flanged FLAX-LI-NUM was created to fit the 2 air space method. Its ½-inch sheets are delivered to the job, ready to install between the studs. They go in easily, quickly, correctly and without waste.

The 1-inch sheets, for your roof, give you the correct thickness in one piece, simplifying the installation and reducing handling costs.

Get the facts! See how and why the 2 air space method is the scientific principle of thermal insulation. Mail the coupon *now.*



Flax-li-num is Made from Purified Flax

FLAX-LI-NUM is made from flax—the same material used to make linen—a material selected solely for its superior thermal insulating qualities. It is not a low-cost by-product, adapted to thermal insulation.

The facts about thermal insulation are of prime importance to you. Mail the coupon—*and get them.*

FLAX-LI-NUM INSULATING CO., ST. PAUL, MINN.
228 NORTH LA SALLE ST., CHICAGO 101 PARK AVE., NEW YORK CITY

Flax-li-num

INSULATION AND SOUND CONTROL MATERIAL

St. Paul, Minn.

City State H. G.—1

To Key-Forgetters



THIS fashion hint is derived from a gentleman who forgot his house keys last night and locked himself out.

The previous night he had left his keys in his coat pocket on the back seat of his sedan, and had to smash the window to get in. An inveterate *key-forgetter* and *key-loser*, he has finally placed his keys upon a handsome ornamental key ring which is permanently attached to his right wrist.

If you and yours have experienced the vexation and irritation of forgotten and mislaid keys—or have paid a weekly tax for duplicating keys lost by the members of your family—you can now forget the entire key problem once for all. Just purchase Dudley Combination Keyless Locks—and have one easily remembered combination for all doors—your front door, garage door, basement door, closets and cabinets.

So simple—quick—convenient. So safe! Proved out by over 4,000,000 Dudley Locks now guarding lockers and doors all over the country. To their owners as obedient as a lamb—to the house breaker as defiant as a lion.

Complete locks, or combination cylinders to fit your present night latches.

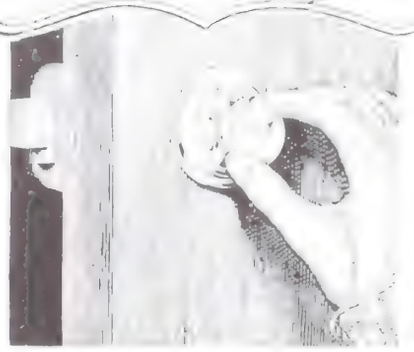
Send for booklet, "The 4,000 Year Search for Door Safety"

DUDLEY LOCK CORPORATION

Dept. 13, 107 No. Wacker Drive, Chicago, Ill.

Full information on request regarding Jimbo-outside

Territory still open for salesmen representatives



An amazing new invention and convenience

The Dudley Combination Keyless Lock—for all doors

First absolutely successful combination door lock—principle proved by over 4,000,000 Dudley Locks now in successful use.

Does away with lost, misplaced and forgotten keys.

Saves all expense of duplicating keys.

Opens in 4 seconds, to its combination—as easily remembered as your telephone number.

Easy to operate—millions of children use the Dudley Lock daily at school.

Opens by feel or sound—in the dark.

Non-picklable—recognized by [illegible] burglars that have cost the country tens of millions of dollars every year.

Recommended by police departments.

Gives same type of protection as a bank vault door.

Every Dudley Keyless Lock has its own combination. Or all locks in the home can be set to operate on one combination.

Record of your lock numbers and combinations permanently filed in our vaults.

An investment—not an expense.

Mail Coupon for Booklet

Dudley Lock Corporation
Dept. 13
107 No. Wacker Drive, Chicago
Without obligation on my part, send full information about Dudley Combination Keyless Lock and booklet "The 4,000 Year Search for Door Safety"

Name .....

Address .....

DUDLEY

COMBINATION KEYLESS DOOR LOCKS

Open in Three Moves for the Owner—Changed by Combination to Baffle Thieves



In Step with Beauty

Marble answers the ever-growing demand on the part of the American public for beauty — practical beauty — and economy in daily surroundings.

Its richness of texture, wealth of veining and unlimited color possibilities place marble in the front rank of decorative finishing materials.

But marble possesses more than the mere virtues of inimitable beauty and economy . . . much more. It is strong, durable, wear-resistant and impervious to moisture. It softens and diffuses all available light. It is inherently clean, and easy to keep clean. It is, in a word, the ideal material where utility and economy are essential, and beauty paramount. For buildings of every type—domestic, commercial or civic—

There is No Substitute for Marble



This interesting booklet illustrates and tells many facts about the practical application of marble. Write for your copy today.

A copy may be obtained—without cost, of course—by using the coupon. Do it now! It will be a great help, and no obligation.

NATIONAL ASSOCIATION *of* MARBLE DEALERS

ROCKEFELLER BUILDING - CLEVELAND - OHIO



CASTLES IN THE AIR"

THE ideal home ... ever achieve in fact ... there are those free spirits who ... break away ... from ... dared handling ... something of the elusive atmosphere and charm of the House of Dreams. But it is rarely done. More rarely than need be. For much of the individuality of the truly "lovable" house is easily analyzable and can be readily captured by a wise choice of certain fittings.

The decorative value of Forged Iron Hardware has been one of the reasons for the picturesqueness of thousands of dwellings since the days of the Middle Ages. It has had an enduring appeal throughout the centuries. It is, today, riding the crest of well-deserved appreciation among those who love the sincerity and beauty of old-fashioned things.

Forged Iron Hardware by McKinney reflects in every sturdy line and graceful curve the rich heritage of beauty which comes to our generation from the metal-craftsmen of earlier times. There are six different Master Designs reflecting the true spirit of bygone artistry. No attempt has been made to "improve" or "modernize" them.

The most remarkable finishes have been achieved by McKinney, wholly fascinating in texture and fully rust-proofed.

... and everything needful is promptly at ...

... addition, there are ... for ... in ...

McKinney creations in stock. Various ... and Electrical stores. If your shop is ... from the commonplace, we urge you ... Pittsburgh, Pa.



McKINNEY
FORGED IRON HARDWARE





Lock Set ...
... Finish



Residence of Mr. Frank B. Putt, Rydal, Pa.
Carl Ziegler, Philadelphia, Architect.

Floors of Matchless Beauty!

RITTER Oak Flooring is designed for your new home, where every detail must reflect discriminating taste.

It is manufactured from timber grown in the Appalachian Mountains under ideal conditions of climate, soil and drainage. The trees grow slowly, sturdily, uniformly, producing a fine grain of surpassing beauty, instantly appreciated, always admired.

Ask your architect to specify Ritter Appalachian Oak for your floors and interior trim. It costs a little more than ordinary flooring but makes such a notable difference! Write for free booklet illustrating artistic floor designs made possible with Appalachian Oak. Please include the name of your architect or builder.

W. M. RITTER LUMBER COMPANY
Appalachian Lumbermen since 1890
General Offices: Dept. H. G., Columbus, Ohio.

RITTER
APPALACHIAN OAK
FLOORING

MADE *in* THE APPALACHIANS
AND *from* APPALACHIAN OAK *only*



Slow growth, dependent on ideal conditions of soil and climate in the Appalachian Highlands, causes rings of summer growth (A), which in turn produce close grain (B), resulting in a beautiful floor. (See sketch, in the panel on other side of this advertisement.

INTRODUCING

smartly-styled designs in linoleum, and—

a sensational soil-proof finish!



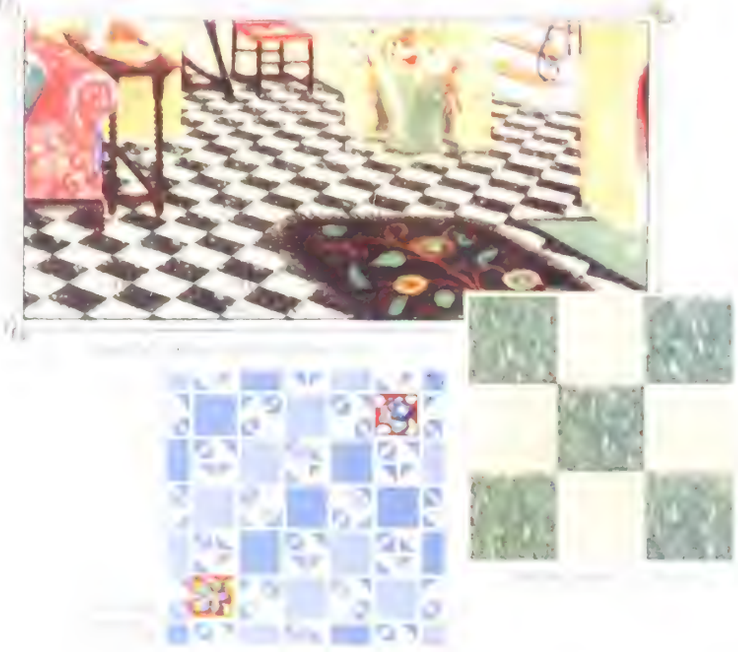
. . . and what lovely things our designers have done with inlaid linoleum. How they have made this flooring, once so prim and practical, blossom out in smart, colorful, wholly enchanting attire.

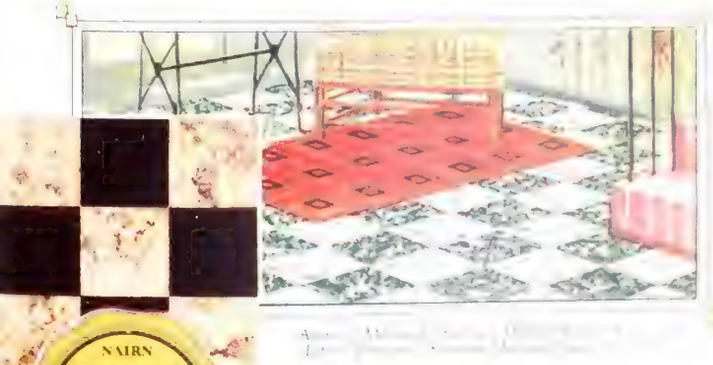
See their handiwork in the newest GOLD SEAL INLAID patterns. Designs alive with style and modern verve! Colorings bright and dainty—colorings rich and brilliant! Think what this means. You can choose your flooring as you select a chair or a length of upholstery. Not alone because it is beautiful in itself, but because it is appropriate to your other furnishings—adds charm and character to your room ensembles.

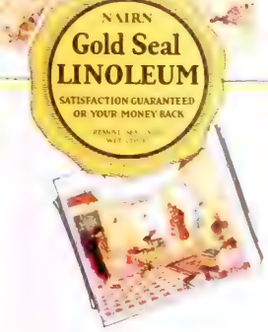
And consider all the practical advantages! Soil-proof—immune to spots and stains. Cleaned in a wink. Colorings that will never wear off—they are inlaid through to the burlap back. Comfortable sound-deadening resilience. A lifetime of wear. All at a cost you will agree is moderate and reasonable.

the material made more durable than inlaid linoleum has ever [illegible]

But remember, this sensational soil proof finish is in no sense a surface film, top coat or veneer. It is an integral part of the linoleum, and gives the colors a dull lustre of velvety richness.







the **SOIL-PROOF**, *easily-cleaned linoleum* —

GOLD SEAL INLAIDS

A · TILE · ROOF · OUTLASTS · ANY · HOME



Residence of Mr. Aldus C. Higgins, Worcester, Massachusetts. Genevieve Atterbury, Architect; John Tompkins and Stowe Phelps, Associate Architects. Roofed with IMPERIAL Hand Roughened Curved Shingle Tiles in Moss Green

Like the Moss Covered Roofs of Old England



Note how closely this roof of IMPERIAL Roofing Tiles resembles a mossy, century-old roof. It is composed of mottled moss green shingle tiles, hand roughened to attract dust and thus encourage the growth of actual moss. This is only one of many unique effects obtainable with IMPERIAL Roofing Tiles, which are available in a wide variety of patterns and shades.

Our interesting brochure, "The Roof," contains numerous full-color plates of fascinating tile-roofed residences. We will forward this book on receipt of 25c (coin or stamps) to cover postage and handling, or an illustrated color folder will be sent you *free*. Address: Ludowici-Celadon Company, Dept. A-3, 104 South Michigan Avenue, Chicago, Illinois.



Send 25c for a copy of this color book of tile-roofed residences

LUDOWICI-CELADON COMPANY *New York, 565 Fifth Ave.*

IMPERIAL
Roofing Tiles



This

CORK-LINED HOME

heated with city gas for $124 less than was estimated

THE gas company figured that it would take 449,100 cubic feet of city gas to heat this home during the winter of 1926-1927 if it were built without insulation. But the owner, Mr. Leander Clarkhurst, of Concord, N. H., had it lined with Armstrong's Corkboard, 1½ inches thick on the side walls and 2 inches thick under the second story ceiling. As a result, he actually burned only 313,000 cubic feet, a saving of 27½%. With gas at 91 cents per thousand cubic feet, the saving amounted to $124.00.

Houses are different and conditions are different, of course, but these figures give some idea of the economy resulting from Armstrong's Corkboard. A fuel saving of 27% is not spectacular, but it will soon pay for the insulation and provide increased comfort—summer and winter.

A 32-page book, published especially for home builders will tell you more about the wonderful comfort and economy of a cork-lined house. Simply mail the coupon—there is no charge for the book. Armstrong Cork & Insulation Co., 193 Twenty-fourth St., Pittsburgh, Pa.; McGill Bldg., Montreal; 11 Brant St., Toronto.



Armstrong's Corkboard Insulation

A Heatproof Lining for Walls and Roof



J. D. Atchinson Architects

Redwood Beams Make Handsome Ceilings

DIGNITY AND CHARACTER are imparted to this room by the tasteful use of handhewn Redwood beams.

The charm of all beamed ceilings lies in the wood itself. Because of its rich, velvety texture and natural beauty of grain, California Redwood endows its surroundings with distinction and grace, whether in beams, panels, ballustrades, or trim.

Redwood takes and holds stain, paint, or any finish. It may readily be decorated to match or harmonize with other woods. Its durabilty is phenomenal assuring a useful life for decades, even if untreated and exposed to the weather. It comes in wide, clear lengths, free from blemish and annoying pitch.

Write your name and address in the margin below. We will gladly send you a portfolio of beautiful photographs of interiors and exteriors of lovely homes. Address the California Redwood Association, Dept. 383, 24 California Street, San Francisco.

REE STANDARDS OF LIVING - ONE STANDARD OF HEATING COMFORT





HERE are three homes—cross-sections of any American town. The head of the family in the smallest house is employed by the man who owns the middle-size house. He, when business requires it, borrows from the banker who owns the largest house.

You will find a Quiet MAY Automatic Oil Burner in each of these homes. Size of income is no measure of one's power to purchase the Quiet MAY; nor is its price a measure of its health-and-comfort value.

MAY OIL BURNER CORPORATION
BALTIMORE, MARYLAND



QUIET MAY

AUTOMATIC OIL BURNER

No Longer a Dream

The light, airy, cheery home in summer















Dignity and simplicity are the

The Higgin Line

kinds and for all purposes, individually mounted, designed, manufactured and installed.

Higgin also makes All-Metal Weatherstrips which save fuel and

THOUSANDS of home lovers have discovered a new sense of well-being in spring, summer and autumn.

"I considered screens as necessary nuisances and thought of them only casually. Then one day I heard about Higgin Screens.

"I had to alter my ideas entirely. I was told they had trim, narrow, almost invisible metal frames and fine antique mesh, but that sounded so matter of fact. I had to live behind them to realize what it really means to have Higgin Screens — the kind that do not bar light or air, nor interfere with the view. Higgin Screens have made a dream come true — a light, airy, cheerful home in hot weather.

"Then, too, the way they harmonize with the surroundings adds to the restful pleasure of home life. I noticed how carefully the Higgin experts studied each opening, yet I did not expect such perfect blending of the screens, in style and color finish, with the trim and interior decorations. With none of the jarring effects often to be tolerated with ordinary screens, there is delight after delight in living behind Higgin Screens."

A large business enables Higgin to maintain a nation-wide organization of trained representatives. Send us your name and address and we will have the Higgin expert near you call and give you valuable suggestions on screening without cost or obligation. We will also mail you an interesting booklet. The Higgin Mfg. Co., general offices, Newport, Ky. Branches at Kansas City, Mo., and Toronto, Ont., Canada.

HIGGIN
ALL METAL
Window Screens
"Screens that last longest cost least— Higgin Screens last"



durability and do not cut off light. (B) Bronze wire mesh resists corrosion. (C) Splines forced into frames hold cloth taut permanently. Removable in case cloth is damaged and requires replacement. (D) Frames enameled inside as well as out to prevent rust. (E) Corners joined with driving fit over inside corner angles, making rigid.

The Higgin Mfg. Co., 79 Washington Ave., Newport, Ky. Please send booklet "Your Home Screened the Higgin Way." I assume no obligation in making this request.

Name

Street

City State

Shall we send you our booklet on Weatherstrips and their relation to fuel saving and comfort? Yes No





REAL ESTATE



FOR SALE

TO SETTLE AN ESTATE

One of the Most Attractive Homes on

Lake George

6¾ Acres

fronting 500 feet on Lake George; on an automobile highway; 9 miles from Lake George Village. Telephone and daily mail. Fast motor boat.

Inc.

Liberty St. New York City

Here are homes ... and these pages are — all of them — homes that have been built and lived in by people with the same tastes, the same standards of fair, fine living, as yourself. ... to us, are submitted by agents we know, after the houses have passed severe tests for survival. And ...

THE REAL ESTATE DEPARTMENT







BRONXVILLE

Westchester County, N.Y.

... Booklet

Elliott Bates

IN THE HILLS OF WESTCHESTER

Colonial Farmhouse in a Perfect Setting

Fish & Marvin

FOR SALE

Summer Cottage — Furnished

LARCHMONT MANOR SECTION

Built to Sell for $60,000 — NOW $48,000

ROBERT J. McKLAND

Realtor

"Pre-Revolutionary Connecticut Farmhouse"—

CECILIA G. CARROLL

MR. J. F. KENT *Pro...*

RYE *Water-Front Estate*

EDNA W. DRUMMOND

SHORE PROPERTY

PERCY L. WALKER, *Duxbury, Mass.*



Hampton

Water-front Property

W. S. McCartney

US SHOW YOU GREENWICH

cottages, estates & farms for summer rental or for sale. Our list is full and complete.

E. P. HATCH, Inc.

WICH, CONN.

ELIZABETH NASH

Offers you

Personal service and many splendid values in SCARSDALE HOMES

Both large and small

Close to the open Sound

RYE, N. Y.

Unusual beach privileges

NEW ROCHELLE

Fine Homesites

H. E. COLWELL & SONS Inc.

BLAKEMAN QUINTARD MEYER

W. R. C.

—RYE, N. Y.— Tel. Rye 823

GREENWICH

and Selected Properties in Neighboring Towns.

Raymond B. Thompson

Associates

Harry C. Banks Clement Cleveland, Jr.

...ith Building, Greenwich, Conn.

Telephones 866-867

...your ... selling ... will find ... & G... readers the ... people ...

SCARSDALE'S
MOST DISTINCTIVE RESIDENCE
Offered to Settle an Estate



Grounds of Several Acres
Beautifully Landscaped and
Unsurpassed in Location

THIS [illegible] by a home room, 14 by [illegible] the entire plan of the house being on the same generous scale. Six master bedrooms each with fireplace and private bath, ample servants' quarters. Garage [illegible]

Truly, an exceptional opportunity for the most exacting purchaser. *Full particulars on request*

[illegible]

Scarsdale, N. Y. Telephone Scarsdale 300



On Scenic Lake George

For sale or rent: Beautiful estate of 50 acres on west side of Lake, 1½ miles from Lake George Village. House includes 5 master bedrooms, 5 baths and extensive porches. Gardener's cottage, boathouse, dock and approximately 750 feet of water front.

(Brokers protected)

For details address

A. G .WALKER & Co., Inc.
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856 Fifth Avenue, at 67th Street, replaces the house of the late Elbert H. Gary, Esquire. The location is central and has one of the loveliest of outlooks over the Park.

Only twelve apartments are planned —two maisonettes of 9 and 11 rooms, nine typical apartments of 14 rooms and a roof garden duplex of 18 rooms. We suggest early consideration of plans.

[illegible] Cooperative. Maintenance charges only [illegible]. No mortgage on land or building. Occupancy in summer of 1928.

856 Fifth Avenue

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BEAUTIFUL Colonial Home in Premium Point Park, New Rochelle, on Echo Bay. Just off Boston Post Road, in highly restricted section. Private boathouse and swimming pier, with two Yacht Clubs nearby. Five minutes to railroad station, within 45 minutes of New York City.

The house is two years old; has nine rooms, including five master bedrooms. Every convenience, with oak floors throughout. Also private garage.

The plot measures 90 x125. Completely landscaped with rare shrubs and beautiful trees. Rock garden a prize winner.

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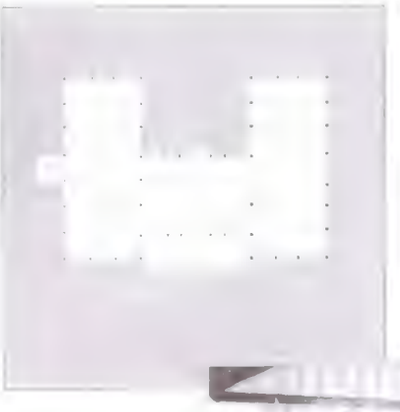
He *Wanted* a home to be proud *of*— *and* he wanted it *right away*



For family reasons, he wanted a home of excellent construction. And—enables you to enjoy it this summer.

Hodgson Houses are designed by architects. Their lines follow the graceful trend of the New England Colonial style. The cheerful roomy interiors lend themselves to good taste in furnishing and decoration. There are Hodgson Houses of every size and for every purpose. There are cottages, play houses, garages, dog kennels and bird houses. New catalog G gives prices, plans and complete information. Send for free copy today. Address F. F. Hodgson Co., 1108 Commonwealth Ave., Boston; 6 East 39th St., New York. Florida branch, Bradenton.

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An eastern home [illegible] Steel Casement Windows [illegible]



S423

Consider the windows: they have to do with all the hours you spend indoors. They provide light and ventilation; they determine the arrangement of your furniture; they influence your decorations; and by proper location they improve the design of your house, inside and out.

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Interior view of window shown above. Residence of Mr. C. K. Boettcher, Denver Colorado. H. I. Manning, Architect

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1866 CURTIS WOODWORK



Otho McCrickard, Hutchinson, Kansas—Architect

This prize design and eleven others are available to the home builder





TWO HUNDRED home designers—among them the most skilled in America—co-operated with the lumbermen of the Pacific Northwest in creating a series of original and beautiful home designs...to be built with the four "Big Tree" woods of the Douglas Fir region.

The American Architect, one of the leading architectural journals of the world, in reviewing the result of the competition said:

> No recent exhibition in the treatment and use of wood is comparable to the Pacific Northwest Competition. The originality and ingenuity of plan take precedence in this competition.

Some of the designs reflect the romance of the early American period...others, the quaint cottage types of England and Northern France with their steep pitched roofs and timbered walls. Nearly all of the interiors suggest paneled walls and beamed ceilings of a baronial splendor available today for the home of modest cost.

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All of these woods are from old growth timber, with all that this implies in quality, durability and dependableness. They come from a forest area of 24,000,000 acres—"America's Permanent Lumber Supply"—where the new forests today are growing wood for beautiful, comfortable, durable homes for your children and for your children's children.

Twelve of the prize homes are illustrated from the original architectural drawings and described by the successful competitors in our booklet, "Prize Home of West Coast Woods." This and a use booklet of the four West Coast woods will be sent without charge to home builders, architects, engineers, realtors, retail lumber dealers, contractors, carpenters, painters, or others directly interested in building.

We will be glad to send you, without charge, a brochure of the architects' sketches and construction suggestions for this and the eleven other prize-winning homes of wood, together with a book describing the four outstanding woods of the Douglas Fir region. *Address* West Coast Lumber Bureau, 211 Mt. Hood Building, Longview, Washington.

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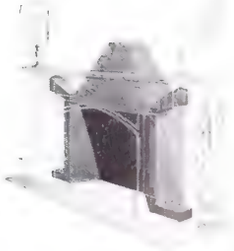
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The Heatilator is a boiler plate [illegible] which to build or reboard a fireplace. It has double walls, forming the heating chamber between and around the fire. Cold air, preferably from outdoors but from off the floor if you desire, comes into this chamber, is heated and delivered into the room. Thus the heat [illegible] ordinarily wasted in brick or chimney is utilized—equal in volume to that of the [illegible] Double or treble heat comes from same fuel. By bringing in (and heating) a new source of fresh outdoor air, healthful ventilation is provided and cold air drafts set up by ordinary fireplaces are eliminated. *We positively guarantee it, or send return the [illegible] price with up to 5% cost of [illegible] removal and return.*



Above phantom view shows a H[illegible] led with cold air intakes and [illegible] on each side of the fireplace. [illegible] anywhere in the firepace or c[illegible] an outdoor intake is used, [illegible] be walled up. Intake and out[illegible] of any shape or size, so that [illegible] fit into the design of the mantle.

THE hearth once was a delight to watch. But there [illegible] you really get more heat than the ordinary fireplace [illegible] If you install Heatilators in your fireplaces every element [illegible] preserved while in addition you will have double heat from the same fuel.

Furthermore, you will be assured of proper fireplace construction, smokeless operation, and elimination of cold drafts on the backs of those who face the fire. Every fireplace ideal will be fulfilled.

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Heatilator Fireplace Unit



WITH Fenestra Casements for the gates to Maryland, a collie for a faithful courtier — small daughter has a charming background for "let's pretend." ✓ ✓ The Fenestra-equipped home has many such lovely spots to set your child — or you — adreaming. Each sparkling, many-paned window frames a patterned bit of outdoors. Each is a picture in itself — a delightful part of a decorative scheme. ✓ ✓ ✓ There is unexpected pleasure, too, in living with these better steel casements — smooth, easy operation — convenient washing of both sides of the glass from within the room — screens inside, clean and protected from the weather — outswinging sash that capture even the breeze that parallels the wall. ✓ ✓ ✓ All these advantages — plus weather tightness without the expense of weather-stripping; and at a cost much less than you would suppose — in fact, little if any more than the cost of ordinary windows. ✓ ✓ ✓

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A boiler is a means for absorbing heat from the products of combustion and delivering this heat into the rooms of your house where you can enjoy it. If it is to accomplish this satisfactorily, and at low cost, regardless of the kind of fuel used, it must have plenty of Fire Surface, properly Rated. Otherwise it wastes heat up the chimney.

Whatever fuel you use, or plan to use, in order to avoid excessive heating expense, investigate carefully the Amount of Fire Surface and the Rating of your boiler. Enough Fire Surface, properly Rated, gives a positive guarantee of heating economy and comfort. Only an efficient boiler can give you comfort *at low cost.*

Oil Fire Emphasizes Boiler Efficiency

WHILE an efficient boiler can handle an oil fire as well as it can a coal fire, it is absolutely true that a boiler that wastes heat with a coal fire will waste still more heat with [illegible] This is because oil gives off heat faster than coal and makes greater demands upon the boiler's absorbing capacity.

So we come back again to the point already emphasized, namely: that in order to keep your heating costs at a minimum, your boiler should have plenty of absorbing capacity (expressed in terms of Fire Surface and Rating).

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A MORE complete explanation of the above will be found in our two books, "Guaranteed Heating Satisfaction at Minimum Cost", and, "Does It Pay To Install an Oil Burner." To anyone interested we will gladly mail a copy of each book free. Simply use the coupon below. The H. B. Smith Co., Dept. K [illegible], Mass.

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From the first rude shelter, as in the latest architectural achievement, the prime incentive back of the building has been *protection*.

And *protection* is the prime characteristic of the Complete Natco Line of Hollow Building Tile. The exclusive Natco Double-Shell feature, with its non-continuous mortar joints, surrounds the structure with a series of blankets of dead air, decreases fuel consumption—multiplies comfort—makes additional insulation unnecessary.

Whether you use Natco Tex-Tile or Vitritile, with their charming finished faces; Natco Header Backer, Unibacker, or Double-Shell Load-Bearing, faced with brick or stucco, Natco will bring increased beauty—augmented comfort—assured permanence and satisfaction.

The wall pictured above is Natco Double-Shell Load-Bearing Tile, used for stuccoed structures. Each unit is equivalent to from 14 to 21 brick, saving labor, mortar, time and expense. Exterior stucco and interior plaster are applied directly to the tile, whose dovetail scoring provides an enduring bond. Since the tile never rusts, rots, sags, warps, or disintegrates, the stucco stays permanently.

Natco Hollow Building Tile is susceptible to use in both steel and concrete construction.

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Hundreds of miles in this vast region . . . peaks, glaciers, canyons, all . . . are to be conquered with luxurious private-cars and motor busses operated direct from Banff Springs Hotel.



When you aren't motoring, you swim in the great, out-door pool . . . you golf on the new, 18-hole Stanley Thompson course . . . you ride the mountain trails. You dance, tea or just soak in the shining sun. During July, the Indian Pow-Wow. Early September, the Highland gathering.

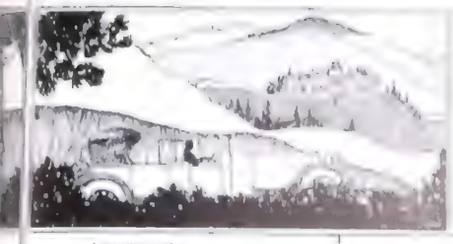
In cuisine and appointments, Banff Springs Hotel is now among the first dozen world-hotels. The new wing, completed this year, gives it a capacity of 600 rooms with baths . . . but it's still wise to make your reservations in advance. Open May 15th. Full information, reservations and personal service from any Canadian Pacific District Office listed below, or write to Banff Springs Hotel, Alberta, Canada.

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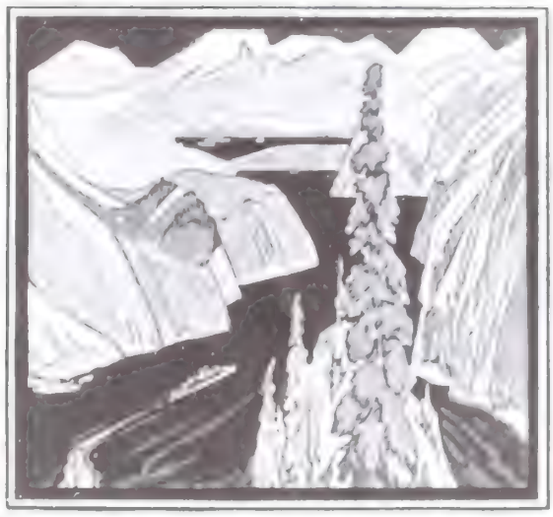
Now is the time to sail for one of the smartest of little seasons' . . . Those who know their 'crossings' will, of course, sail in the BERENGARIA (March 2nd) with enough time to shop in Paris . . . or in the AQUITANIA (March 21st) which has a special understanding with the 'Biarritz Special' . . .

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EUROPE

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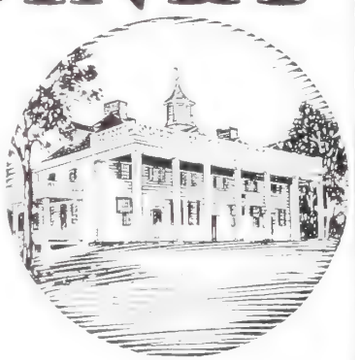
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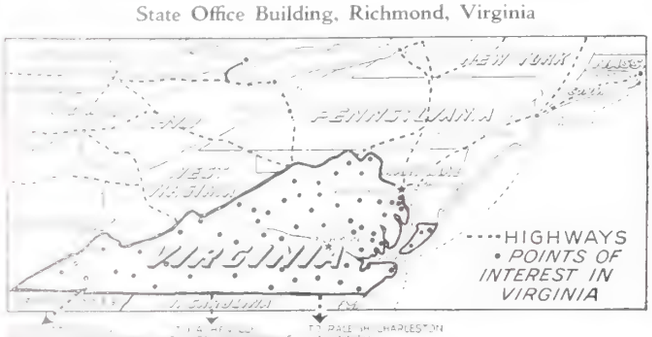
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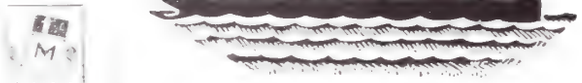
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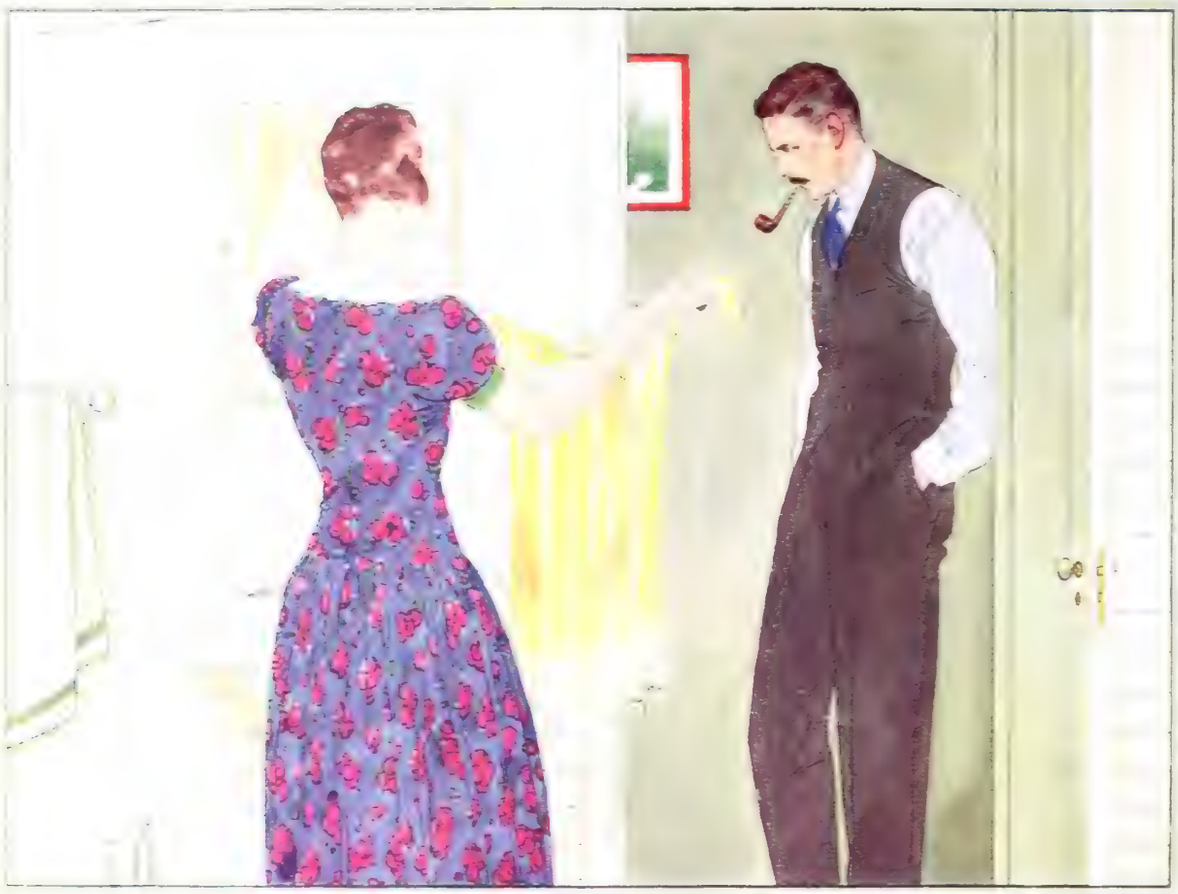
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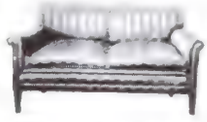
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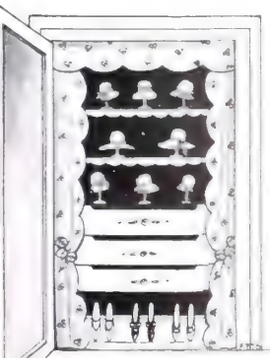


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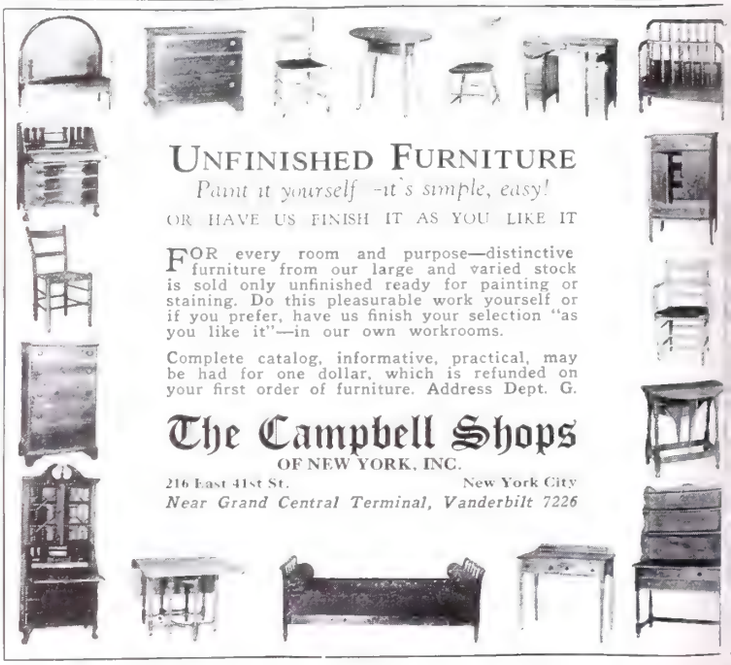


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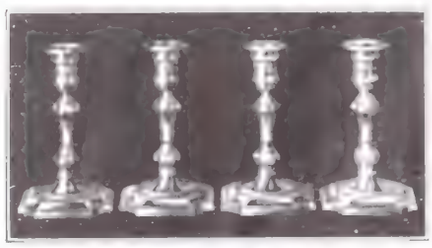
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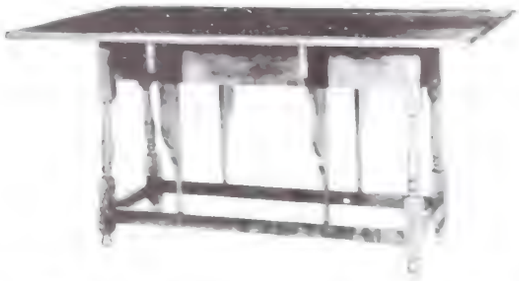
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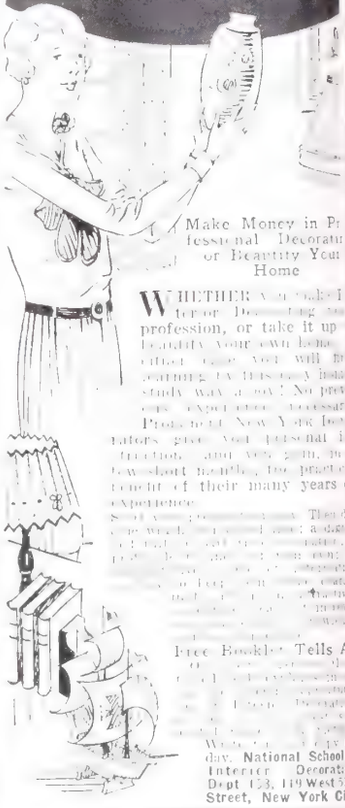
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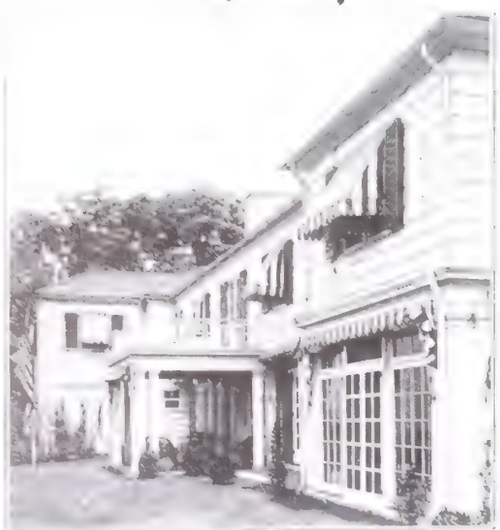
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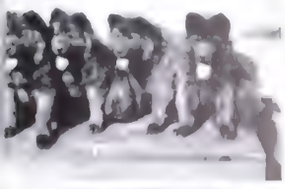


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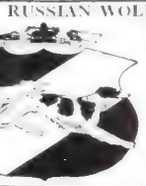


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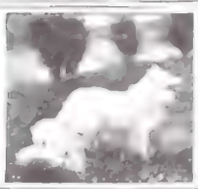




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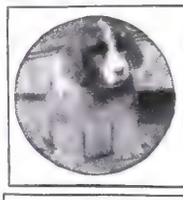
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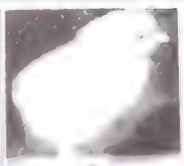
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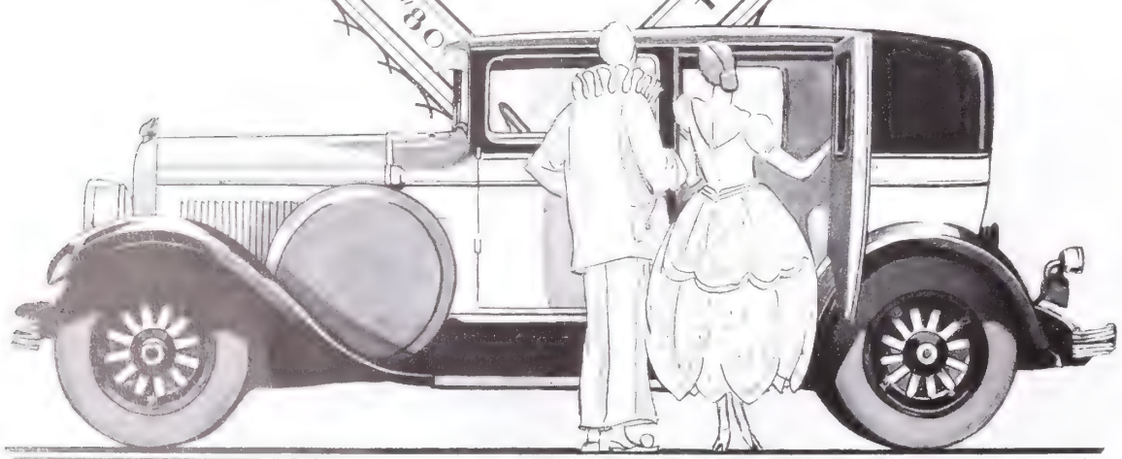


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◆

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HOUSE & GARDEN

RICHARDSON WRIGHT

MARCH, 1928

[illegible] of these [illegible] Rhododendrons, Azaleas, Japanese Maples, Kalmias and Leucothoes [illegible] a site [illegible] may [illegible] Tulips be [illegible] the [illegible] flowering of [illegible] day, how many have the [illegible] old must [illegible] Or [illegible] safely hardy there [illegible] Cinerarias and Primulas [illegible] rooms [illegible] and then left out-of-doors—of these how many have the [illegible] frosts and the intense winter cold permitted to survive?

To the hardened gardener of many years' experience, this is all part of the day's work, just as in warfare, burying the dead and picking up the wounded is a job that has to be gone through however unpleasant it may be. There comes a day [illegible] When it is safe to [illegible] when the barrage of [illegible] we begin to uncover the [illegible] unwind the Box [illegible] Dwarf Conifers from their swaddling of burlap-sacks and tilt back the glass sashes of the cold frames. Gingerly we scrape off the winter mulch with a fork—the leaves and hay and the boughs and boards that held it in place.

At this point you may tell a hardened gardener from a beginner. For the beginner is a meticulous soul. Like a new bride with a brand new house that she keeps uncomfortably clean, the beginning gardener [illegible]

Each would pass [illegible] What [illegible] state of [illegible] is [illegible]

At [illegible] you may [illegible] with [illegible] these casualties. [illegible] to [illegible] stayed [illegible] places. Bring out [illegible] and pencil and list your dead. Send off to the nurseryman for more. The garden ranks must be filled up. Do

And having done that, forget it. For there is too much talk and bother about winter killings. Do not

of their gardening fortunes, the evidence of that calm philosophic attitude of mind which comes from

PUBLISHED M[illegible]
CONN. EXECUTIVE AN[illegible]
OFFICE, GRAYBAR BUILDING
PRESIDENT; FRANCIS
URER; M. L. M[illegible]

[illegible] CANADA

PRESTIGE





Prestige

A smart store to take a step forward in catering to the discriminating taste for the finest chocolates

Called *Prestige* because this package and its contents have behind them eighty-six years' devotion to careful making of quality candies.

Called *Prestige* because it arrives sharing the laurels and fame of such successful favorites as the *Sampler*, *Pleasure Island*, *Whitman's Bonbons*, *Bachelor Chest*—all made and guaranteed by *Whitman's*.

We could not buy any better materials for making the Prestige assortment. Those who critically examine it will understand that the slightly higher retail price ($2 a pound) is due to the many new pieces in costly combinations and added hand labor, with the artistic and substantial nature of the metal chest. A notable gift, in one-pound or two-pound chests.

Sold by the 18,728 stores, usually the leading drug store in each locality—agents for the sale of Whitman's. Each retail store receives Whitman's Candies *direct*.

Whitman's
PRESTIGE
CHOCOLATES

1842



The BULLETIN BOARD













two exhibitions of designs for these roadside

scenery and littering the rural areas with

and disorder. In D

furious invective against them, the editorial

called "Our Gastronomic Highways." While

HOUSE & GARDEN



stands we suggested

especially for us by a well-

have given away scores of

specifications of these

dare thought we

lived by the Colonial fathers, we began to think

but could they stand up under the strain of the

rush and fierce business competition? Perhaps they

comfort and ease and tranquillity.



IN A GARDEN NEAR VERSAILLES



STALKING AMERICAN ALPINES

How to Organize a Plant Collecting Expedition

HENRY HORICH

FOR my first [illegible] of the Colorado [illegible] of the Rocky Mountains [illegible] equipped, I [illegible] formidable salaries. [illegible] ster, Mr. Dwight M. [illegible] Boulder. During the summer [illegible] took me long on the [illegible] ness exceedingly [illegible] owed me the glory of seeing [illegible] ms. He spent days [illegible] in the fullness of bloom [illegible] f propagated and made available to garden [illegible] kers, would [illegible]

and somewhat desultory journeys that we conceived the idea and outlined tentative

ploring trips. We agreed that they should be undertaken when there would be ample [illegible]







Flocked to Alpine Tundra Leaning Penstemon [illegible] Mt. [illegible] a Rock-garden treasure, [illegible]



Here, [illegible] Alpine meadow [illegible] Alpine [illegible]



but similar species, for collecting specimens, seeds and bulbs, and for compiling a sort of [illegible] Alpines which would list the kinds that seem most likely to thrive in gardens, if reasonable [illegible] to their cultural requirements.

On my return to New York the project was discussed fully with the editor of this magazine, who not only gave it his hearty approval, but assured us of very substantial coöperation.

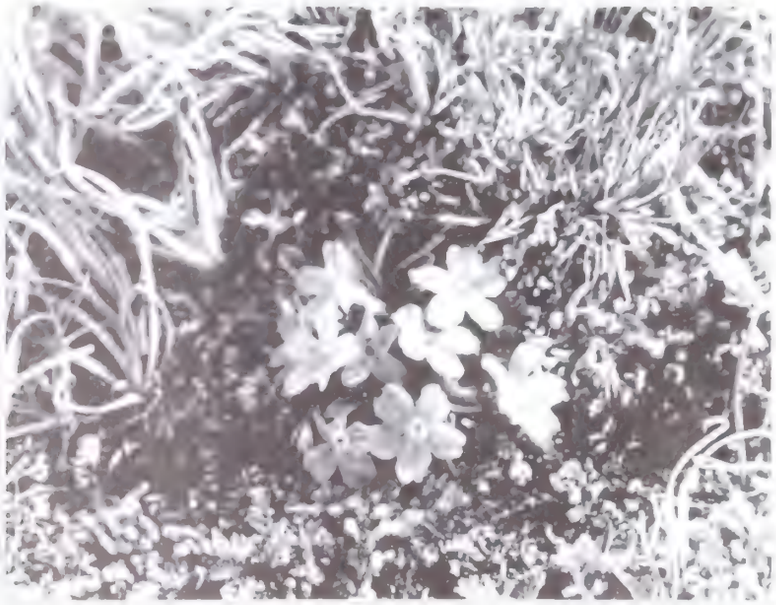
And so it came to pass that on the morning of July 15th, 1927, the House & Garden Plant-Stalking Expedition assembled at the cozy Andrews home on the outskirts of Boulder, ready to begin a series of explorations that during the ensuing seven weeks took us over three-fourths of the State of Colorado and twice into typical and interesting sections of southern Wyoming. On these trips we motored over 2500 miles, reached or crossed the summit of the Continental Divide six times and negotiated seven Alpine passes, all but two of which are above timber line. We were frequently drenched by thunder-storms and pelted with hail. We plowed through snow-banks, splattered through miles of slippery mud, forded swollen streams and detoured washouts and land-

Left, seated [illegible] Alpine [illegible] Arapahoe Pass, at Engelmann Spruce [illegible] above the ground instead of [illegible] trees and tall, upright [illegible]

Above On the banks of Walloy Creek we found this lovely creeping Penstemon, P. despressa, of graceful form and [illegible] flower, an ideal rock garden plant







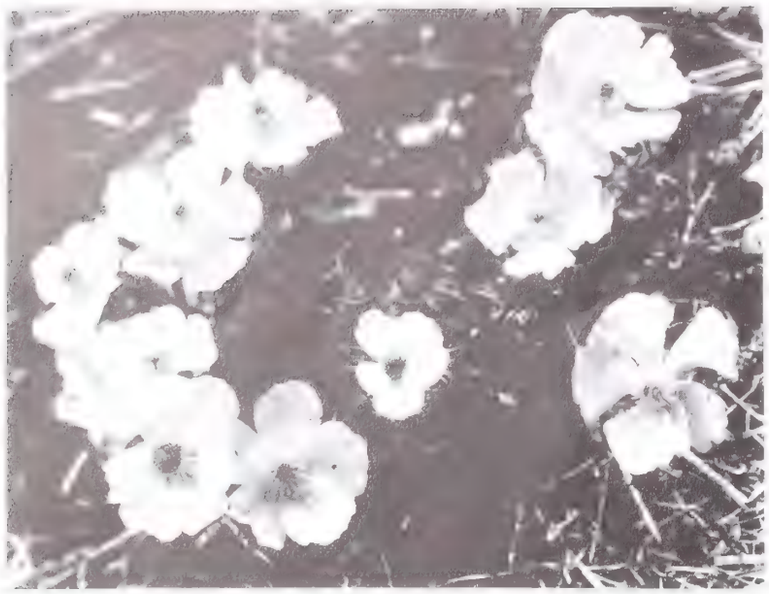


...s. But ... and ... or we saw and ... natural plant ... tests, collected ... hundred dollars ... ok two hundred ... Besides ... dition and ... as the official ... at most difficult ... ably, as shown ... matters in this ...

Our equipment consisted of one brand-new ... passenger sedan, ... photographic ... il testing set, tools for digging, paper bags and ...rtons to hold the seeds and specimens, tinned ...od, coffee, fishing tackle to provide emergency ...tions, toilet ... clothing for the ... ...d to be made on the front seat for the Director-...hauffeur and myself, but the rest of the car, ...th inside and out, was packed, crammed and ...vered with the ...

(Right) At ... Natural ... Lassen ..., ... Province ...

Right: ... Tibetan ... Typical ... Coastal, ... Canada ...









(Above) The rare Daffodil Anemone, Anemone sulphurea, supposed to grow only in the Swiss Alps and Java Mountains of Europe. Found on the top of Milner Pass

(Left, above) The glacier Buttercup, Ranunculus adoneus, has flowers that glisten like new twenty-dollar pieces. It enjoys acid soil. Found below Milner Pass

When we climbed into the car that delightful July morning, I hadn't the slightest idea where we were going. Neither had my companion, apparently, for when I ventured to ask what our day's objective was to be, he said, "Well, let's see. There's an unusual species or variety of Polypody in the North St. Vrain: we might go that way to Estes Park and return by Long's Peak and the South St. Vrain. There's any quantity of choice things all the way. Or we might go and see if the Forest Service has finished that new automobile road from Echo Lake to the summit of Mt. Evans. I am sure we can go as far as Summit Lake and there are two kinds of Saxifrage and a wonderful species of Spring Beauty up there that I want to get sometime."

That was the way with all of our trips. There was inevitably a choice of two or three to be discussed every time we started from Boulder; and the objective was never some lofty mountain peak, some Alpine scenery of unusual charm, or even some comfortable hotel in which to spend the night if we should be belated; it was always some particularly fine and rare wildflower, and it made not the slightest bit of difference whether our

(Left, center) A bit of blue sky lying down between the rocks of Mt. Evans was Mertensia ovata, cousin to our Virginian kind and bearing beautiful azure flowers

(Left) The Cushion Pink, Silene acaulis, encountered by House & Garden's Plant Exploring Expedition, is related to our own Catchfly of cultivated gardens







estin tour was [illegible] On this first excursion we [illegible] Mt. Evans and stalk the [illegible] pring Beauties. Mt. Evans [illegible] range, which rises to the lofty [illegible] ect. It is now accessible from [illegible] dmirable motor highway which [illegible] nnels up through the Denver Mountain Park to Echo Lake. This charming little mountain tarn is bordered by a dense and almost [illegible] of Engelmann Spruce and Alpine Fir, detail of which is faithfully mirrored in the sapphire water. At the upper end of the lake is a sizable stretch of moist meadow that merges into a peat bog as it nears the shore. Beyond Echo Lake, as the Director surmised, we found that the going was very good over the new Forest Service road as far as Summit Lake.

Like Echo Lake, Summit Lake occupies a glacial basin of moderate area and its waters are replenished by melting snows. It is, however, far above timber line and there are no trees or bushes to relieve the apparent barrenness of its surroundings. On the west there is a chaotic jungle of huge

(Continued [illegible])



(Right, [illegible] Claytonia megarhiza [illegible] decumbens) [illegible] Summit Lake.

(Right) Pika [illegible] ored Alpine Cushion [illegible] grazing on a [illegible] habitually [illegible]

AMERICA IN THE WORLD OF GARDENS

Upon the Initiative of Amateur, Professional and Press Depends Our Progress from Gardening Adolescence to Maturity

ERNEST H. WILSON, V.M.H.

THAT [illegible] interest is astir and not a little enthusiasm is abroad. It matters little where we live, gardens are springing up around us. Each in his own neighborhood knows of fine gardens which a few years ago were not in existence. Tin cans and rubbish piles are less in evidence around houses now than at any other period in American [illegible] the home attractive and restful, and the wealthy among us are [illegible].

The art of garden making in America has reached the adolescent [illegible]. In general, we are largely in the imitative stage and have a long road to travel before the creative stage will be properly reached. Not without considerable success, yet a success more occasional than general, we imitate every known type of garden. The Italian, Moorish, Spanish, Dutch, German, French and English styles are all represented here, there, and everywhere in this broad land. But such styles need more than the natural skies of the lands that created them to be real gardens in America. They need the same national character and spirit. A garden must harmonize with its surroundings and with the national life of the people. Indeed, a garden should breathe the very spirit of the country as well as the cultured taste of its owner. It should be a native, not exotic, expression of art, taste and skill.

IF the above be true, why not develop an American type of garden? We have climates of every sort and opportunities beyond the dreams of genius. We have but to think of the climates of Oregon, California, Arizona, Florida, and of the mountainous section of eastern North America to realize the varied types of gardens we could evolve. We have plant material in excessive abundance, did we not look beyond our own flora. In Europe the plants of the eastern United States more than one hundred years ago earned by their distinctive characters and garden value the title of "American Plants." Think of the brilliant flowers of Texas and the Rocky Mountains, of the wondrous Cacti and other succulents of Arizona and New Mexico. Think of the plants of California and of the splendid trees of the Northwest. Why not use this material freely, combining with it the most suitable of that from other lands, and surround ourselves with a natural and national type of garden? I know of one such on Long Island and here and there another which approximates to this ideal. In time a national type of American garden will develop and when it does we shall have approached manhood in the art of garden making.

I am far from disparaging the value of the types of gardens developed in other lands, and here and there in this country they can be indulged in, but, like the peoples from which we have borrowed, we, too, should give expression of our national feeling and outlook on life in our gardens. It will come. Time only is needed. It will come all the sooner if we realize its importance and develop the necessary leadership.

NOW, there are four elemental forces—the amateur, the professional gardener, the nurseryman, the garden press—on the mutual coöperation of which successful gardening is based. [illegible]

First, the amateur, an ever-increasing body on which the leadership of garden art ultimately depends. No one will deny that not only is this body more numerous, more influential than ever before in the history of American gardens, but also that it is beginning to exert its proper influence.

Of professional gardeners the ranks are not so well filled as formerly and there is a distinct need for large increase of such men. The American youth appears not to take kindly to the art of gardening and we no longer are receiving gardeners from Europe as in days gone by.

Among nurserymen, the third elemental force, there is a real awakening to the need of greater variety in garden material. All over the country nurserymen are beginning to take keen interest in the newer and better introductions, exerting themselves to obtain propagating material so as to be in position to supply the progressive amateur's demand.

The press, the fourth elemental force, is woefully insufficient. We have excellent monthly magazines, but the garden spirit of America cannot be nourished properly on a monthly diet. So far as my memory serves there is but one amateur's paper which is published oftener than once a month. No paper can be made to pay on subject matter alone and there would appear to be insufficient advertising in the nursery business to keep a purely gardening paper going on a weekly basis. Time will probably remedy this, and as the number of gardens increases so will the demand for material, and nurserymen will be in a financial position that is better able to support a press from which they will largely draw sustenance.

Aiding in the development of gardens are arboreta, botanical gardens, horticultural exhibitions and horticultural societies. Of the first two there are woefully few in this country, but, fortunately, their need is beginning to be appreciated and in time their number must increase. Exhibitions are growing more numerous year by year, thanks largely to the different garden clubs, in which women play the leading part. The more exhibitions we have up and

(*Continued on page* 182)





WHEN JUNE COMES INTO THE GARDEN



One clearing enough to give variety to the woodland adds immeasurably to the charm of the woodlot. In this case a curving path, a rustic bench and a few flowering shrubs have been used to make the most of the opportunity.

DEVELOPING THE WOODLOT LANDSCAPE

How Trees and Shrubs Will Help to Bring Out the Full Beauty and Interest in Every Piece of Wood

HENRY B. RAYMORE

In [illegible] mass and dense shadows it acted admirably as a foil for the sunny openness of the great parterre and terraces. In eastern America, where woodland have always been too common an occurrence to cause comment, they happen to exist on a place they are usually left just as they are, and the possibilities [illegible] tegral part of the whole landscape treatment are seldom [illegible] continued indifference?

[illegible] opportunities along these lines [illegible] be made into a place of sylvan charm.

In dealing with woodland as a part of the landscape picture we usually have either one of two conditions to deal with. We may have the situation where an acre or more of the property is entirely wooded, or we may have, in the case of the small sylvan development, the situation where the house is located in a grove or coppice, which occupies most or all of the plot. Let us discuss the former condition first of all.

It can be laid down as a pretty general principle that the woodland we are contemplating developing is in a very bad condition. This seems to be true in all parts of the country where the character of the community has changed from that of a rural or farming population to that of es-

(Continued on page 194)



Where the ground rises to or the woodland suggests it, evergreens of medium height can well be used to rim the edges of [illegible] open spaces







(Top) Excellent ... of the many ... forest trees on the ... W. Bassick at Bri... inherent dignity ... time, by vast shoals of Nar...

were being done. As a result, it re... mains pleasantly naturalistic. Marian C. Coffin, landscape architect



WHERE THE FOREST FRAMES THE WAY

[illegible] a fitting way [illegible] most alluring [illegible] [illegible] amongst the trees at a well-kept road. Here is the restful beauty of the forest without its [illegible], even a [illegible] dated association that attaches to [illegible] as the practical sense

HOW TO RAISE YOUR OWN IRIS

takes possession and the spell of the Iris begins to work.

acquisitions, obtained in exchange for Lemon Daylilies and yellow Roses. In the Majesty, pink, and Mrs. H. Darwin, white.

After the beginning, one keeps one's eyes open and new varieties and their names and no uncertain mark. Then in the sunny days of June, when the tall bearded Iris is at its best, we wander from

ing quality, the height and the form of each flower, and our appreciation and multiply, our borders are enlarged, and we begin to wonder which erstwhile favorite may be eliminated to give place to our now absorbing interest. We search the lists, we send far and wide. Perhaps we import Europe's most expensive creations and with view the result of all our efforts.

Then we begin to seek the species; the history of the Iris interests us, the habitat, the range and the varieties. We struggle over growing the Oncocyclus, the Regelias, the Junos. Again searched to the uttermost ends of the earth.

Now with joy we view Lorteti and Hoogiana, and our eyes Susiana, brought to effort. One would think that we could rest content with our possessions, but there is a spirit of unrest, a spirit gardener's heart; we never can be satisfied. After all, if we could be satisfied we would be satiated, and that is fatal.

Finally we decide to start on our career as a breeder. We choose the most meritorious varieties for our crosses. Mezar crossed with Magnifica might give us something rather fine. Well *Iliana* or something eq

readily the mind of man's equal or to that of his humbler fellow worker, how much

The Buttercup, Rose, Apple-blossom and Daisy are so fashioned that they can be fertilized by the wind or by any one of the many marauding insects which come to sup or dine. The pistil, with the stigma, is in the center and the surrounding stamens can shake the pollen over it, with the resulting scores of seedlings all, excluding the rare exception, exactly like the parent. Columpistil and stamens more hidden from the curious eye and we have often watched the blundering bumblebee tumbling out of the pollen for his next stopping place, hav-

sort of toll for his call.

But the Iris flower is arranged according to the rule of three; three upstanding petals, or standards; three downhanging petals, or falls; three style branches, and three stamens. The stamens are hidden away under the style branches, lying back flat against them. If the style branch is lifted

against the top. The style branch has a

from the falls towards the center of the flower and is called the crest. Just below this curving of the crest will be noticed a small appendage like a lip. It is between this lip and the crest that the pollen must be deposited, for this is the stigma. It seems well arranged for fertilization by the bees, for as a bee crawls in between the falls and

branch of the Iris, it must collect

some fat bumblebee trying to effect an entrance on the back of Dorothea Williampetals and pushing up the style branch with some little effort. He must rub pretty hard against the stigma as he goes in, and against the stamen as he backs out, for there is little room to spare. Dorothea goes to seed very easily and so one may suppose that any and every insect seeking her store of sweets must acknowledge his indebtedness

Even although, with all our planning, the seedling plants may often bear little resemblance to either parent, still when we

garden, in the fond hope that some day we may happen to produce a novelty so outstanding in merit that our name and the

high position in the Iris hall of fame, we should set about our new work with some sort of system. Records should be kept of

should be protected as much as possible from being interfered with by the insects. Really, the only sensible way to go about it, is to

we desire to accomplish.

SCREENS IN FIVE VARIATIONS



FLOWER PRINTS

On the background of a plain paper whose color is chosen to suit the scheme of the room are pasted cut-out flower prints from 18th or 19th Century floral books. The lower part is pasted in a way to suggest an iron gallery or balcony. With this gay screen furniture of the 19th Century is used



KAKIMONO

From Japan come Kakimono, or scroll pictures, with which the walls of houses are enriched. Their shape suggests them for a screen. And here, for the dining room of the home of C. M. Tuttle of Chicago, three of them serve that purpose, set in a lacquer frame with gilded moldings. The walls have other Japanese decorations. Marian Gheen was [illegible]



SHUTTERS AND FANLIGHTS

Stationary shutters and fanlights are combined here to make a three-fold screen, which any skillful country carpenter could achieve. Paint it to suit the color of the room and use American Empire or other Victorian furniture. Curtains may be of white linen with red embroidery edgings and blue drapery above. These screens were designed by H. G. Erwin, decorator





MAPS

Modern maps combined and mounted above a dado of nautical cartoons and symbols are appropriate for a man's room. These maps can be found at reasonable prices. Screen should be shellacked. Designed by H. Erwin

coat today at 1 again

paid over the canvas.



straight one. Mr. I. Stern's Philadelphia









THE STAIRWAY AS A FEATURE

The Influence Stairways Exercise in Relation to Architectural and Decorative Treatment of Rooms and Halls

BY ARCHIBALD CARY COOLIDGE

CHARACTER [illegible] a room is determined [illegible] lished according to the [illegible] architecture by its chimney-piece, mantel, which, theoretically [illegible] tate, dominates the room. [illegible] more, perhaps, is done [illegible] average house by its stairway, for in addition to usually [illegible] architectural features of [illegible] occupies as a rule the most [illegible] position in the build[illegible] be placed in the hall, where it is the first thing one sees on entering and the last on leaving the house, which, its constant use is sure to keep the stairway always in one's view.

In England and [illegible]



Simple, [illegible] dominate [illegible] dence of Col. [illegible] Georgia. Wenlock [illegible] tects; Porter & Porter, [illegible]

James I. Not that it was unknown [illegible] Renaissance the stairway had always [illegible] convenient. It remained for the architects of the Renaissance to [illegible] architectural and decorative possibilities of the stairway and to develop its design. The time covered by the reigns of

MARBLE COMES FORWARD AGAIN

Why Is Not Marble, Most Decorative Stone That Is Now Attracting the Attention of Discriminating Home Owners

ETHEL R. PEYSER

Marble [illegible] the Ancients. In Byzantine art, we see it in black, yellow, gray and white, and it still glorifies St. Sophia, that house of prayer of polyglot cultures. Before that, we see Athens writing in Pentellic and Parian marble her ineradicable autograph; and Rome, doing always what the Greeks did, also followed the marble traditions.

Marble, then, has reigned supreme in building and sculpture throughout the ages. In fact, if most of the Pre-Roman architecture had not been of marble, we would have inherited far less of the history and monuments of the past, for almost every other material in which history was recorded has decayed or disintegrated.

Up to the "Mauve Decade" marble was a constant companion in the homes of the almost poor as well as the very rich. Then, for a time, it took a more remote place [illegible] and sundry building and home furnishing problems dependent on availability, purse power, necessity for rapid and cheaper building, and the substitution for marble of vitreous products like porcelain and its valued confrères. But during the last ten years marble has again lifted its noble face to add luster to the home, even as does fine linen. And the changes on the face of life have gained in marble a new supremacy in and out of the house, in chamber, hall and garden.

We remember people, a few years ago, turning up their noses at marble "wash stands," the very people who in their youth had laved their hands at marble wash stands and bedecked themselves before marble topped dressers. Now, it is most fashionable for those who can afford it to have marble wherever marble is practical and will gracefully adorn and heighten beauty.

IN THE HOME

The marble staircases in some homes give a finish which no substitute for marble could possibly provide. Furthermore, in the matter of combining tapestries and ornament, it is the one material that allows the accessories to function and is satisfied to remain a cool, unemotional background. Marble imparts quiet and solidity. It is difficult to stand on marble for hours at a time, but the rug on a marble floor obviates such fatigue where there are no working areas such as in a kitchen floor or laundry.

It is not necessary for flavor, to have a marble hall when such a thing would seem a pretense. A small surface of marble in the appropriate place will set off an area as a simple, but elegant jewel sets off a gown.

A radiator covered on the top by a marble slab gives a convenient surface for an ornament or jardinière and obviates the ugliness of this usually unbeautiful essential. Here one gets an unwarpable, solid and beautiful effect, where before there was a lack of dignity and a cacophonous space in our otherwise harmonious room or hall. The marble fireplace is too well acknowledged to need eulogy here.

One very useful thing for the kitchen is the table topped with heavy marble to withstand onslaughts if used for general utility purposes. The pastry table with marble top makes crust insurance possible, for its coolness keeps the paste in proper condition for a flaky consummation.

FOR THE BATH

The bathroom, of course, can be completely of marble from lavatory and tubs to floors and walls. Some of the sunken marble tubs in the luxurious gold, crystal and silver garnished bathrooms are, of course, too regal for general use. Yet a bathroom need not be either extravagant or regal to afford one or two "spots" of marble to give it distinction.

As trim for the house, such as window trim, frame and sill, marble adds a royal garnish. It can be combined with many varieties of building materials in very satisfactory ways. Marble need not be ghostly or forbidding, for it comes in various grains and tones to which a smooth warmth can be imparted where it is necessary.

In many gardens today pools are built of marble, where beauty is desirable and enduring beauty and wear essential. The Greeks did not mind marble mellowing in tone, so why should we? The ancient marble gained from submission to sun and air, yet we moderns do not take kindly to the patina of time, which in itself is certainly a rich record of household stability and is distinctly lovely in tone.

The bird-bath of marble in a garden adds a very human note to a design composed in the least complex of keys. When the water adds a patina it seems to us to add beauty. It is decidedly not ready for scouring.

The fact that there is a certain wear to marble in the course of decades gives it beauty. The door threshold that is worn by the constant tread of feet going and coming is a tacit record of the activity of the home descending from generation to generation. Too much stress is put on things which never show signs of use. What would a face be worth without its lines of experience? Not too many—but some, of course!

The sun dial in marble, a heritage from the past, infuses a garden or even a small court or yard with a stately quietude that no one other thing can provide. Certainly not a clock, whose very activity spells restlessness and movement. Let the distant sun seem to move as the earth rotates, but let us have the marble sun dials, differing from one and another in their different varieties of stone, color and grain.

Should the garden be formal and sufficiently large to be punctuated somewhere by an orangerie, the fittings of this structure are fittingly of marble. In fact, the garden of formal type is poor indeed without its fair quota of marble.

Marble bits for stepping stones, between which the grass is allowed to grow, make rather a romantic foot path.

Marble faced and rimmed swimming pools are, of course, very beautiful and not only add stability but great richness. Marble benches, too, add a Roman flavor to swimming pools that nothing else can give.

Lotus beds and water plant pools can be in no lovelier or more appropriate setting than marble. We know of some marble pools wherein goldfish dart back and forth. Such grottos and pools are comforting in these days of mechanistic travail.

THE CARE OF MARBLE

The following advice of experts will serve to assist in the care of marble:

Polished interior marble should be cleaned weekly, or at least once each month. Grease, dirt and dust will collect on the surface and if not removed will result in a cloudy film and cause discoloration. Water alone will not remove this accumulation. It is necessary to use a mild alkali in the water to remove the film and prevent this discoloration. There is a particular cleanser now to be had which contains no grease product, lye or other corrosive fillers; it rinses freely and does not leave a greasy or slippery film to catch and hold the dirt. One heaping tablespoon of this cleanser to a pail of lukewarm water will clean the surface effectively without injury to the

(*Continued on page* 150)

A LITTLE PORTFOLIO of ROOF GARDENS







Outdoor suite of the Queen Anne group, made entirely of sky-scraper fountain made of stepped-off glass tubes filled with orange dye. Concealed lights on the fountain are directed up at night over the Queen Anne. Decorations are by Nancy McClelland, Inc.









Scenic American, a famous old paper, is used in the main room of Alfred E. Hamill, at Lake Forest, Ill. It is finished with a paper border. David Adler and Robert Work, architects



The French Fleet, by Dufour about 1811, shows in its main panel the victory of the French over the Turks in the Battle of Matria. Here it is used with wood paneling. Wanamaker



WALLS COVERED IN STORIED PAPER

THE [illegible] papers—[illegible] Dufour and [illegible] brought a lively interest to rooms. They gave to walls some of the picture and story quality that old tapestries once gave to castle walls. Used either as panels set in molding frames or used as complete coverings of walls above a dado, they afforded an animated, colorful, continually interesting background against which to place furniture of the period. [illegible]









Many lovely shades have been developed in the anemone. The color of the flower shown here is American Beauty red that changes to a pale rose

SOMETHING NEW IN GARDEN ANEMONES

In Their Newest Loveliness the St. Brigid Anemones Have Added Greater Hardiness and a New Range of Forms

ANDERSON McCULLY

BLOOMING [illegible] them, a new strain has recently been developed that vastly increases their usefulness and their loveliness. It is true that light winter protection will still be needed in the vicinity of New York and Boston, and blooms of a white Christmas must see their opening under glass, yet little heat is needed for this, and with the first melting of the snow the outdoor plants spring into flower. These blossoms of the melting [illegible] chord in the heart that is hidden to the later gorgeousness of the Orchid [illegible].

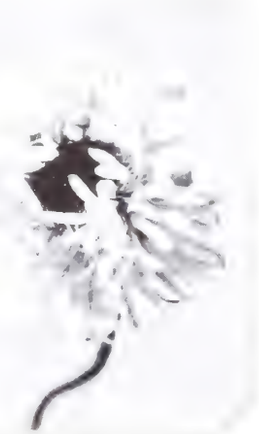
In the course of their evolution, St. Brigid Anemones have been quietly taking unto themselves the [illegible] of the lordly Orchid; but in assuming this delicate beauty, they [illegible] the Orchid's temperament. They [illegible] forth, too, to experiment with all the flames, the deep corals, American Beauty, and reds so dark they seem to palpitate with a living glow. Blending tones and bicolors have ever been their heritage. With increased and narrowed petals almost to the extent of a shaggy Chrysanthemum among some of them, these changing tones have myriad displays. Stamens and pistils bring an added beauty. Their stems have grown long and sturdily upright—twelve inches

The blooms themselves come very near to an average of four inches across, and I have counted from nineteen to twenty-six flowers at once on several plants three months from the setting of the tubers, though eight or nine blooms at one time would be much more usual.

Of course, in order that these flowers may give most lavishly of their loveliness, we must in turn assume a pleasing attitude toward them. Moisture and drainage are to them as the Law and the Prophets. A pool [illegible] margin, provided the tuber does not rest in actual water or in stagnant moisture, is ideal. The rich alluvial loam of river bottoms is as though made for them—and equally elusive to the grasp of most of us! Give them the best garden loam possible and feed them heavily with bone-meal. Potash, too, is good to

(*Continued on page* 178)





Another pleasantly colored variety is pale lavender shading darker toward the center of the blossom. The loose petals are quite noticeably narrow and shaggy





CRABAPPLES FOR SPRING TIME LOVELINESS



Two years from ugliness! This romantic backyard garden offers a variety of sunlight and shade so that many kinds of plants can be accommodated in its shade beds. The entire transformation from a barren backlot was made in two years, with much labor and love of flowers



Here and there in this backyard you come on small patches of lawn. These are rimmed with narrow plots of annuals—Verbena, Petunias and such—that in summer spill over the hard edges of the flagstone paths the abundant and colorful waves of their blossoms





A GARDEN AT A NAVY YARD

nuals, with the taller reaches of





TO MAKE OUR ROSE GROWING EASIER

The Queen of Flowers Is a Democratic Monarch and Does Not Need the Traditional Pampering

J. HORACE McFARLAND

Among the Hybrid Teas, William F. Dreer stands at the head of its remarkable Hadley, of golden yellow and orange-pink. It requires more attention than some others in order to grow it to perfection

It seems to be worth while now to [illegible] by explaining away the inherited ideas and fallacies from the [illegible] literature which until recently has been the major source of information or its substitute. It is, in fact, necessary to confess that after a baker's dozen of years in putting together the [illegible] necessary to reverse myself in many relations of Rose growing, because correspondence and experience have alike led me to realize that there is nothing complicated about having good Roses wherever in America there are good people to grow them. A requisite form of goodness, by the way, implies for the Roses a reasonable amount of general adaptability, and for the folk who grow them, willingness to take a small amount of [illegible] and some [illegible].

The first point of inquiry might be as to where in America Roses will grow. In 1920 the American Rose Society published a Rose-Zone Map, prepared for it by the workers in the Bureau of Plant Industry of the Federal Department of Agriculture. This map showed zones within which various classes of Roses might be expected to flourish, and indicated a certain rather considerable arid region in which it was assumed that no Roses could ordinarily be grown. The determination as to localities was based upon reported late frosts, and there was the proper explanation that the Rose-Zone Map was not really authoritative, but merely suggestive.

Ever since the publication of this map indignant letters have been coming in proving that the Rose has more tolerance of frosts and of conditions than the makers of the map had



ses are more adaptable than ... ty of the older varieties ... could have us believe. ... dy can they be grown under ... vere conditions, but varied ... effects are obtainable



amed. From the cold rtheast came stories of v the supposedly tender brid Tea Roses had rished with moderate tection and had given to the growers of them. m the supposedly arid ns of Arizona there was ived a picture of a liance Rose nine feet ough its cluster of flori- ous stems, quite casually ated outside a railroad ere there was plenty of sun and mighty e water. The South reported successes ere there should theoretically have been ures. The Climbers that were not to rish in the Middle West were proved row rampantly and bloom beautifully. o now, after this dozen years of in- sing experience and Rose relationships, an say that Roses will grow anywhere on the North American continent where rather respectable Hybrid Teas just outside old Santa Marta, on the northern rim of Colombia, in South America, at sea-level

A picture came to me of some beautiful

rather than of location, and some Roses will grow just about anywhere in this broad continent of ours.

I grew up reading English Rose books which described in painful detail the

Roses. Exact proportions were given as to the mixture that was requisite, and always there was some one thing in the mixture that I could not get. I wonder what this "fibrous peat" is which is so constantly mentioned in foreign literature as essential, varied by references to "fibrous loam," and with similar indications of something quite mysterious and extremely powerful!

We were assured that Roses must have

COLORFUL AND CHEERY SUN ROOMS

Now Becoming Indoors and Out, Affords the Decorator a Playground For the Use of Vivid and Interesting Color Combinations

ELSIE COBB WILSON

FRANCE [illegible] Great Britain [illegible] America's [illegible] has to [illegible] her outdoor living [illegible] and Hudson comforts.

This room is also an expression of the [illegible] everywhere. Wherever one travels today, this movement is manifest. What is the [illegible] a reaction to the shadow of the War? [illegible]

Perhaps in our country the growth of this colorful room can be traced to our recognition of the therapeutical value of [illegible]

[illegible] and Whitney, Glen Cove, L. I.

[illegible] Louisiana courtyard is shaded with [illegible] Decorations Mansfield [illegible]



appreciation of the value of play. Th new spirit must express itself in a mat rial way in our surroundings, and the s room proves a wonderful canvas o which to paint our gay colors. Surely, w have never before played with so darin a technique as in our color groupings f these rooms, where we may improvis with no traditions to restrict us.

In these transplanted bits of out-of doors, we can play with colors from vivid palette. We can draw on th Orient for brilliant colors. We ca draw on Russia, which has transmitte the Oriental into Western adaptation in modernist interiors, with violent an bizarre blending of the primary colors Everywhere is play. Color is used with light touch that would never have bee ventured upon a generation ago.

(Continued on page 134)

[illegible] the cooled white [illegible] Here, blue [illegible] the [illegible] painting over the stairway black and white tiles cover the floor. Elsie Cobb Wilson, decorator







A DIRECTOIRE SUN ROOM



dressing table. The woodwork, first painted

The billiard room in the New York home of







The telephone room in the Chicago home of Mrs. Albert H. Wetter, has silver antiqued walls and draperies in gold, red and blue. The Chinese telephone cabinet and mirror are of Mexico black. The woodwork is the same blue and the floor black. Irene Sidley, decorator



A moving picture room in a New York residence is concealed behind paper and curtains of pseudo-Elizabethan design. Carolyn Antrim and Hale Sharp, Architects

OCCASIONAL ROOMS TO AMUSE

FRIVOLITY is a virtue in decoration. And we have ample chance to indulge in it. Never was a time when to-morrow was so filled with tempting, amusing, useful and wholly unnecessary opportunities. But even these are not enough to satisfy the current taste for frivolity.

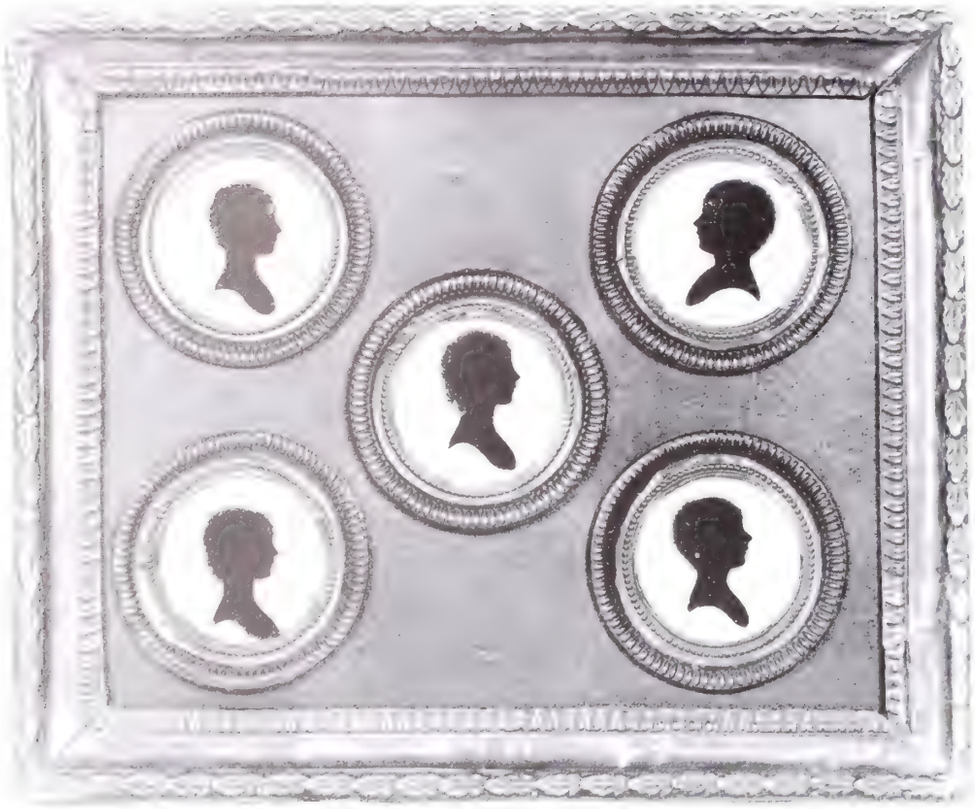
In many a house there is an occasional room, off the beaten path of everyday necessities, where one generally exercises such nonsense and vanity as a bountiful Providence has endowed us with.

It may be only a little coat closet—refurbelowed up to serve as powder room; or a niche in the wall especially furnished to serve as telephone room; or a passage between garden and house to use for arranging flowers; or a [illegible] room, once a *[illegible]* equipped houses; or, for modern tastes, a cinema room. It may [illegible] not in arid Gath!) a private bar! Whatever form this occasional room takes it usually proves to be the one that we most enjoy decorating. It can either be made a



The powder room is first cousin to a dressing room. In the old days the term [illegible] cant nose serves as justification for it. Walls papered or painted, amusing small furniture, a dressing table, an unusual light or two—and you have a powder room. In the powder room illustrated [illegible] table and one contemplates one's face [illegible]

The garden room is the dream of all [illegible] love flowers. It may be ornate or plain, but however glorified, it should be practical, with ample shelves for vases, a working table for arranging flowers, cupboards for flower boxes, bowls, pots and string and a generous sink deep enough to hold tall vases under the faucet. In such a room the walls might [illegible]



CHILDREN'S SILHOUETTES FROM ABROAD

A Great Variety of Treatments Is Found In the Shadow Portraits Made by Foreign Artists

MARY MARTIN

[illegible] subject of silhouettes, "the best silhouettists never touched a pair of scissors."

A portrait by Mrs. Beetham, one of the earliest as well as one of the best of England's profilists, is lovely little Miss Johnston. Her two pretty sisters were taken at the same time, as well as the portrait of [illegible] name on the frame is not legible. They [illegible] Street, where Mrs. Beetham worked for several years, although her trade label is always dated 1785. This artist was wont to idealize her portraits, as all her ladies are beautiful, but with children it was not necessary. The long curls of these little girls gave her the opportunity for the careful painting for which she is famous. They [illegible] which makes a soft background. Mounted in oval frames of dark pear wood, with a gold line on the domed glasses, they are most decorative and must have been deeply cherished by a loving heart of long ago.

Many people consider Miers the most gifted of the Georgian silhouettists. He and his partner Field made portraits of several members of the Royal family, and among the many identified portraits from their Gallery are most of the celebrities of their day. Their gallery was on the same street, the Strand, as the studios of the great artists. When the little Prince, later King George IV, was to be portrayed, he may have been taken to the gallery in state, or the artist may have been summoned to the palace. Painted on plaster in sepia, touched with gold, it could justly be termed a miniature in its wealth of detail and trueness to life. The portrait is said to have come from the collection of Queen Adelaide. She was the widow of King William IV, and spent the last years of her life at Bushy House, whence the portrait was dispersed with her other property.



At left, Dempsey, a noted silhouettist of the '80's in England, usually painted his children with their pet, as in this quaint portrait group of a little boy and his dog

A third type of English work is painted on paper. It is signed "By Watkins," who had a gallery at Bath—famous Bath, full of memories of both real and dear Jane Austen's people, and where there

(Continued on page 162)













PLANTS AND PLANTING AGAINST THE HOUSE

Formal Balance or Garden Character Determine the Plant Material

How To Fit the Dwelling to Its Site

ELSA REHMANN

[illegible] planted close against the house. But examples of [illegible] are the rule. Instead, [illegible] and [illegible] are set out.

Take, first, the symmetrically arranged façade. This requires a careful balance in the placing of the plant material. The doorway itself, placed as it is in the very center, makes necessary adherence to this careful symmetry, for the plants at the doorstep hold the key to the whole arrangement.

ABOUT THE DOORWAY

[illegible] the Broad Leaf Evergreens to emphasize the importance of their foliage makes the door the more distinguished. Leave the shrubs delightfully unclipped, for their forms are distinctive. Outline the entire façade with lower Boxwood as edging for narrow flower borders, [illegible] carpet and wall covering. Another plan [illegible] the door. They make effective specimens if you [illegible]. Hollies have other gardenesque shrubs and bush Roses and Wistarias as associates.

Altheas, too, look well as specimens on [illegible] them architectural character. Japanese Quinces are good, also, with their dark, shining [illegible]. The Magnolias delight, too, in the association of dark-foliaged shrubs of refined habit like *Viburnum cassinoides*. *Taxus cuspidata*, the Japanese Yew, makes excellent specimens. Its green is luxuriant and the spread [illegible] of *Rhododendron carolinianum* for their very beauty. Use with them Laurels and Leucothoe or even other Rhododendrons whose large foliage makes a perfect foil for their own delicacy.

The formality of the house and its telling balance is kept ever in mind by a symmetrical arrangement of the plants. Even the use of vines is controlled by these strict laws. The windows and wall spaces are held in real respect. Planting is not allowed to hide them. The foundation walls are relieved only with plantings of low growing shrubs and vines.

The planting is strengthened by high growth placed at the corners. Here there [illegible] to use tall shrubs and even small trees. English Hawthorns have nice shapes; Crab apples have pleasing rounded forms; Cedar and Arborvitæ are telling. Select tree White Fringe Trees with their great leaves, or Birches with their delicate habits. Use Halesias with their silver bells or Wild Cherries with their loose branching, Dogwoods with their nice forms or Washington Thorns with their refined habits.

The unsymmetrical house does not require careful balance in the planting. In fact, the planting can seem altogether unstudied and have an informal picturesqueness, arranged with delightful irregularity. [illegible] and low ones, trees and vines [illegible] collected in informal groups to make uneven silhouettes. Shrubs and trees are often placed against wide wall spaces and in front of stair wells. They are used under high-placed windows and it hardly matters if occasionally a branch cuts across shutter [illegible]. Vines, too, climb up the chimney, outline windows, twine around post and [illegible] and cover the very roof at wall.

FOR INFORMALITY

Even the planting on either side of the doorway carries out this informality by [illegible] in form and character. Picture, for instance, a *Forsythia suspensa* on one side of the door. It is so effective as a flower and foliage shower. Use *Jasminum nudiflorum* on the other side as a repeating note of yellow. And add to these such shrubs as Caragana and Kerria, Laburnum and Exochorda. Try the refined tree-like *Styrax japonica* on one side of the door and the *Spiraea prunifolia* with all its arching slenderness on the other side. And use with these such delicate appearing shrubs as *Styrax theaefolia* or Snowberries, *Philadelphus lemoinei* or Persian Lilacs. Use *Euonymus alatus* with its wide-flung branches, or a Highbush Cranberry with its tree-like habit, or even a Witch-hazel that for all its ruggedness has such a pleasing arrangement of many upright slender trunks.

These are ever so effective against a house of sufficient informality. With them use Blueberries and Clethras, Bittersweets and Matrimony-vines, summer Grapes and Virginia Creepers. Or for a nicer effect, choose a Dogwood. Select a specimen with a picturesque one-sidedness so that a horizontal branch will show across the lintel, and with it use Laurels and Azaleas as you find them together in the woods. Or try a Mountain-ash on one side of the door with a *Crataegus pyracantha* on the other side, and accompany them with the tumbling Cotoneasters in irregular groups. All three have delicate foliage which makes their assembling interesting. Their flowers are Hawthorn-like and their fall fruiting effects are brilliant. Or if the house permits, let a *Juniper virginiana*, a Redcedar, show its column on one side of the door. Place a group of prostrate Junipers on the other side for balance. These two varieties can make up the entire planting against the house and gain effectiveness through their irregular arrangement. If you add low Wild Roses, a Common Barberry or two and a single *Viburnum prunifolium* with strong horizontal branches the arrangement has a striking effectiveness.

The construction of the house influences the arrangement of the planting. Beautiful brick and stone are left uncovered. Nice walls are given but a delicate tracery. Each well-modeled pediment, each cornice, each shutter, each roof line is considered as a vital part of the building and kept free even of vines. The very character of the detail can be accentuated by the planting. When the detail is delicate, small-leaved shrubs and trees such as *Spiraea prunifolia*, Bush-honeysuckles, Snowberries, Birches and English Hawthorns are in keeping. When it is refined, choice plants such as Laurels, Yews, Cedars, Azaleas, Abelias and Magnolias are appropriate. Houses with sturdier ornament, however, allow plant material of more rugged type. Details that are not nicely considered can be hidden, structural deficiencies can be entirely masked. Columns that are too heavy can be festooned with climbers and copings that are too wide can be covered with tumbling shrubs and vines. Ill-proportioned walls are hidden by tall shrubs. Even poor roof lines can be successfully disguised by trees.

GOOD RELATIONSHIP

The material of which the house is built controls the decorative use of plants. Take a white clapboard house. Its painted surface does not permit vine coverings. Its charm is disturbed by even a single vine trained against a trellis. The smooth walls resent the rough texture of coniferous evergreens. Even the Cedar, for all its stateliness, strikes a wrong note. The character of the wood itself finds even the foliage of the

(*Continued on page* 180)



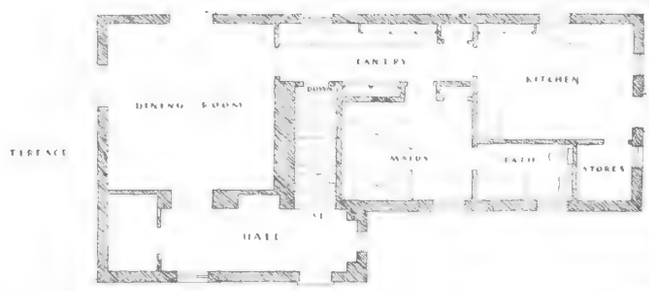
A STUDY IN CONTRASTING BRICK

created on the home of Benjamin S. Comstock at Prince-




GUEST ROOM
BATH
HALL
SITTING ROOM


BEDROOM
PATH


PANTRY
KITCHEN
DINING ROOM
MAIDS
PATH
STORES
HALL
TERRACE





THE RURAL
FRENCH TYPE IN
NEW JERSEY



DOORS AND WINDOWS THAT ARE DOORS





Refinement of detail commends the portico above. The door is surmounted by a carved fan, and flanked by side-lights. The Van Duesen House, Saratoga Springs, N. Y. Alfred Hopkins, architect

... terrace. Note the battened ... Melvin Pratt Spalding ...



In the French doors facing upon a brick-paved terrace, the lowest panels are of wood. Shutters with adjustable louvers are a protection from inclement weather. A residence at Jamaica, N. Y.

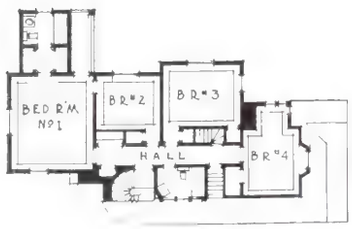


VARIETY IN DOOR FIXTURES





A deft artistry is discernible in the handling of the materials which surface this house. Except for certain contrasting touches, the walls blend easily with a naturalistic background. The long roof [illegible] an especially attractive picture



Plan of this house is the result of careful study. A picturesque entrance hall contains a winding stair rising to the chamber floor. One side of the dining room is entirely taken up by a small-paned [illegible] which overlooks the terrace



A DESIGN THAT REFLECTS ITS SITE



...of August hours. The ...ver-arm is open from the

Interior view of the ... showing the ... to the right of ... from a large ... of Russell E. Dill at Brownville, N. Y. Pearce V. ...



A bed of Chionodoxas makes a delightful foreground for Magnolia stellata. Its earliest blossoms will be welcomed with equal pleasure by bee and human



Flowering Dogwood is one of the most beautiful of American trees. Its blossoms are



No lover of Columbines should miss the delightful little Chinese species, A. flabellata. Its season blooms are creamy white and lavender

A GARDENER'S MISCELLANY

Some Flowers For Spring Display

LOUISE BEEBE WILDER

MARCH is a month of promise—sometimes it is even into the second. To the owner of a garden it seems to keep the most exciting and provocative month of the year. March holds [illegible] traffic with blizzards, with caressing zephyrs, with [illegible] with [illegible] and lightning, fierce cold and what not. One's [illegible] and blows with the [illegible] the barometer, and one is alternately lured forth to prowl among the beds and borders and thrust back rudely to the glowing hearth and the solace of books and catalogs.

But despite all this things go on apace out-of-doors and many flowers may be expected in a well furnished garden in the neighborhood of New York during this capricious month. Here are some of them: Snowdrops (double and single), *Scilla sibirica* and *S. bifolia*, Winter Aconite, *Adonis amurensis*, *Chionodoxas*, Lent Hellebores (*Helleborus orientalis*) *Hyacinthus azureus*, *Iris reticulata*, *Narcissus minimus*, *N. minor*, *N. cyclamineus*, *Daphne mezereum*, *Erica carnea*, *Viola odorata*, *V. cucullata*, Hepaticas, *Tussilago farfara* (a rampageous but welcome little native weed), *Lonicera fragrantissima*, *Leucojum vernum*, *Bulbocodium vernum*, *Hamamelis japonica* and *H. mollis*,

(Continued on page 176)

Many kinds of the beautiful Crocus commend themselves for early spring display. The species comes from the Near East





MAKING A PLACE TO MEET THE SPRING

A DAY comes in late [illegible] when the sun is warm in post [illegible] the wind blows from the [illegible] west, and the evidence [illegible] the first sign of spring [illegible] the second of February, we [illegible] and the test of a Daffodil bulb I [illegible] was poking at the winter [illegible] leaves inspired more hope and [illegible] than calculations on a calendar [illegible] ever produce. Why should we [illegible] roses to call us out into the garden when Snowdrops and Daffodils can pry us away from the fireside to find the first [illegible] signs of approaching spring.

Here is a very simple [illegible] flowers and shrubs—one which the smallest of gardens may afford. Our spring gardens are almost entirely the result of autumn plans, work and money invested, so the gardener who would watch for the returning miracle of spring must prepare for this happy awakening the previous fall. Early fall, as early as September, is the best time for bulb planting, but spring is the easiest time to plan new garden pictures in which to utilize the early bulbs.

An important advantage we have when the work is begun in the spring is that manure thoroughly forked into the soil and the mulch of leaves which was used as a winter covering on the garden will be rotted by bulb planting time, and the much needed humus is easily added to the soil in this way. It is through such a friable, spongy, moisture-holding soil which drains from below that plant roots penetrate at an astonishing rate; and it is this kind of soil that resists midsummer heat and drought, for the humus acts like a sponge and holds moisture in the same way. The more I gar-

[illegible] when fresh manure is added to the beds, although no plant roots should ever be in direct contact with fertilizer. Having the [illegible] the number of plants and bulbs that can be [illegible] part of the diagram altogether.

Some bloom will show in late March, but the full beauty of the border comes in [illegible] golden bells against the tender blue and fleecy clouds of the spring skyline. *Spiraea thunbergi*, one of the most charming of all low-growing shrubs, also blooms in April and May with a profusion of tiny mist-like flowers and fine delicate foliage. A still smaller shrub with a graceful spreading habit and delicately cut leaves is *Stephanandra flexuosa*. The flowers are small and creamy-white. These three shrubs grow gracefully and their leaves are not coarse, thus making a suitable background for low plants at the edge of the border. None of [illegible] having pendulous branches bring the foliage of the shrubbery to the level of the Peonies or Solomonseal. There are no large

[illegible] ton, or the native Solomonseal (*P. lyg-uzum*) for a half shady border would be suitable. The Solomonseal wants shade and moisture at the roots, but planted rather [illegible] Peonies which prefer the sun will bloom well even when shaded for half the day; but shade when applied to gardens means the long shadows cast by trees or tall shrubs, and not the north side of a house with over-[illegible] moisture will never reach the soil.

Peonies and Solomonseal have beautiful [illegible] give the needed effect of mass and solidity. They should be planted in groups, from three to seven plants in a group, to make them effective. Neither Peonies nor Solomonseal will bloom until late May when the spring plants are almost gone, but the [illegible] colors which blend easily and pleasantly with the yellow, skyblue, white and lavender of the bulbs, and edging plants and the [illegible]



HOUSE & GARDEN'S GARDENING GUIDE

[illegible] has been laid on practical rather [illegible] those types and species which are [illegible] to meet the hardy of [illegible] and [illegible] Packets were compiled by L. H. Rockwell

FLOWERS, TREES, SHRUBS AND VINES

	HEIGHT	BLOOMS	COLOR	CULTURE AND USE

ANNUALS

				[illegible] seed outdoors; [illegible] flowers; [illegible] bedding, edging,
	10"	[illegible]	White or lilac	Set out plants [illegible] when [illegible] for succession of bloom, informal edging, [illegible]
	1'	[illegible]	White, pink, red	Buy plants; start seed indoors, or sow outside in warm, fine soil; best summer bedding plants for hot, sunny locations
	[illegible]	[illegible]	Light blue	Graceful; exceptional for cutting, especially for bouquets. [King.
	1'	[illegible]	[illegible]	Sow in late spring; transplant to at least 12" apart; fine for color and cutting. **Orange-**
	[illegible]	[illegible]	Various	[illegible] **Double Gold Cup.**
	[illegible]	[illegible]	Yellow	[illegible] for display and cutting, [illegible]
	[illegible]	[illegible]	White-rose	Sow April; again May; likes cool weather. **Giant Hyacinth Flowered.**
	10"	[illegible]	[illegible]	[illegible]
	1'	[illegible]	White and rose	[illegible]
	[illegible]	[illegible]	[illegible]	New early flowering sorts may be sown out-of-doors; start old types under glass; back of border; cutting
	1'	[illegible]	White, rose	[illegible]
	[illegible]	[illegible]	[illegible]	Sow April-May; excellent for back of border, also for cutting. **Exquisite.**
	[illegible]	[illegible]	Blue, white	[illegible]
	1'	[illegible]	Blue, various	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	Start indoors or sow outside May; spreading border; masses of color. **Burpee's Blue.**
	[illegible]	[illegible]	[illegible]	Rake seed in lightly; thin to 4"; best ground cover for hot, dry location; brilliant colors.
	6"	[illegible]	Rose, various	Sow as above; thin to 6"; blooms in few weeks; brilliant ground cover.
	10"	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	Start indoors or outside in April; transplant to 12"; pinch back; excellent for display and cutting, especially late autumn.
	10"	[illegible]	[illegible]	[illegible]
Verbena	[illegible]	[illegible]	[illegible]	Extra good ground cover, especially for late autumn; brilliant display
	[illegible]	[illegible]	[illegible]	Indoors or outdoors April; 18" apart; display; cutting; try new named varieties.

PERENNIALS

	[illegible]	[illegible]	Yellow	Full sun; succeeds in dry soil; back of border; fair for cutting.
	[illegible]	[illegible] Sept.	[illegible]	Rich moist soil; partial shade; back of border; display; cutting. [bloom.
	[illegible]	April [illegible]	Golden yellow	Creeping, solid masses of color; excellent for low border or rock garden; remove old
	6"	Sept.-Nov.	[illegible]	Most graceful of late tall flowers; slight protection; excellent for both display and cutting.
	[illegible]	[illegible]-June	Various	[illegible] **Scott-Elliot hybrids.** [illegible]
	16"	[illegible]-May	White	Low spreading; excellent with Myssum above; thrives in poor soil; edging; rock gar-
	[illegible]	[illegible] Sept.	Brilliant orange	[illegible] use.
	[illegible]	[illegible] Nov.	Blue, lavender	Several types, all excellent; light blue and lavender flowers good both for display and cutting; poor soil.
	60"	June	Pink, rose	Partial shade; moist soil; display; cutting; loose, plumy flower heads.
	[illegible]	July-Nov.	Deep blue-white	Either sun or shade; prefers sandy, well drained soil; good display; excellent for cutting.
	18"	April [illegible]	Deep rose	Partial shade; any soil; plumy foliage; drooping, graceful flower spikes; border; cutting.
	60"-90"	July [illegible]	[illegible]	Any soil; vigorous; spreads rapidly; rather coarse; needs abundant room.
	24"-36"	June-July	Various	Several types; best treated as biennials; flowers very attractive.
	30"-40"	Sept.-Dec.	[illegible]	Good soil, full sun, winter protection; unequalled for late cutting and display.
	[illegible]	June [illegible]	Blue	Forget-me-not-like sprays of blue flowers during late summer; excellent; new.
	18"	June-Nov.	White	Prefers cool, moist soil; wonderful display of Daisy-like flowers; cutting. **Alaska.**
	40"	May [illegible]	[illegible]	Good soil; prefers partial shade; superb display; good for cutting. [for cutting.
	36"-60"	[illegible]-Sept.	[illegible]	Easily grown from seed; wonderful new hybrid; best of all blue perennials; unexcelled
	[illegible]	May-July	Pink, various	Easy from seed; several types; fragrant; free blooming; excellent cutting. **New Types.**
	[illegible]	[illegible] Sept.	Pink, various	Back of border; groups against wall or shrubs.
Doronicum (Leopardbane)	36"	April-May	Orange	Well drained soil; full sun; Daisy-like flowers wonderful in masses; fine display; ex- cellent cutting. [flowering.
	1'	[illegible] Sept.	Primrose yellow	Excellent for exposed sunny location, or rock garden; well drained soil; continuous
	[illegible]	June	[illegible]	Grows easily from seed; very continuous flowering, fine for cutting. **Portola** and **Por- tola Hybrids.**
	4'	May [illegible]	Crimson, orange	Readily grown; fine for display; excellent for cutting, good for rock garden. **Lacy Stratheden; Opal.**
	[illegible]	June-Sept.	White	Full sun; successful in dry soil; 12" apart; plant near stiff-growing flowers; indispen- sable for cutting. **Bristol Fairy.**
	5"	July	Rose	Creeping plant; dry, sunny location; low border or rock garden. [cutting.
	4'	May-Sept.	Red, pink	Easy from seed; sun or shade; flowers on tall stems; excellent display; also dainty for
Hollyhock	6'-10'	[illegible] Sept.	[illegible]	Easy from seed; full sun; plant against wall or back of border; staking; dominates back of border; good for individual plants. **Newport Pink.**
	[illegible]	April-May	[illegible]	Easy from seed; hardy edging plant; rock garden.
Iris	8"-30"	[illegible]-July	[illegible]	Use several types to get succession of bloom; one of most satisfactory of all perennials; dry or moist soil **Mother-of-Pearl** and **Lord of June.**
Kniphofia (Torchlily)	36"	[illegible]-Nov.	Orange, red	Protect; take up north of Philadelphia; a flame in the late fall garden.
Lupine, Hardy	[illegible]	May-June	Blue, various	Easy from seed; does not need replanting; any soil; full sun; border; cutting.
	60"	Aug.-Oct.	Pink, white	Easy from seed; moist soil preferable, and part shade; shrub-like growth; very bold display; 10" across; shrub border or back of perennial border.
	[illegible]	Sept.-Oct.	[illegible]	Ageratum-like flowers on long stems; any soil; full sun; light winter protection; ex- cellent for both fresh and dried cutting
	30"	May-Oct.	Delicate blue	Easy from seed; spreads rapidly; Dissitiflora for spring ground cover bulbs; Semper- florens good cutting.
Peony	[illegible]	May [illegible]	[illegible]	Sun or slight shade; deep soil preferable; in front of shrubbery border; some varieties fragrant. **La Cygne.**
	2'	June-Oct.	Various	Rich soil fairly moist; full sun; unexcelled for masses of color; cut old flower stalks.
	5"	April-May	[illegible]	Spreading habit, covered with bloom; any soil; full sun; border or rock garden; bright color display early spring.
Potato, Ireland	12"	May-Oct.	Various	April sown seed blooms first season; thin out; colorful ground cover; also cutting.
	30"	May [illegible]	[illegible]	Brilliant display; need no replanting; easy from fresh seed. **Olympia.** [garden.
	10"	[illegible] May	[illegible]	Start like biennials; well drained soil; sun or part shade; color for early display; rock
	[illegible]	May-Oct.	Lavender	Rich soil; full sun; winter protection; unusual color; good cutting.
	1'	June-Nov.	Blue, white	Good from seed; sandy soil preferable; full sun; very free flowering; fine for border and for cutting.
Sneezeweed, Hardy	[illegible]	[illegible]-Sept.	Yellow [illegible]	Vigorous, somewhat rank grower; spreads rapidly; back of border or for individual plants; good for cutting.
	1'	May	Pink, various	Easy from seed; handle like biennial; full sun; fragrant; fine for border and cutting.
	2'	June-July	[illegible]	Moist but well drained soil; sun or part shade; graceful flowerhead; fair cutting. **Dip- terocarpum.**
	[illegible]	April-Nov.	[illegible] [illegible]	Easy from seed; sun or partial shade, for every garden. **Jersey Gem.**

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Caladiums, Fancy-leaved	15"			
Eucharis	18"			
Oxalis				
Zephyranthes				
Hardy Cyclamen	18"	80		

HERBACEOUS

Barberry, Japanese (*Berberis*)				
Bouvardia (Butterfly)	5"	7"		
Chrysanthemum (Hardy)			July Sept.	
Crocus			Spring white	
Digitalis, Gerard Flower				
Dentzia				
Elderberry (*Sambucus racemosa*)			July Sept.	White
Flowering Almond (*Prunus triloba*)				
Flowering Quince (*Cydonia japonica*)				
Forsythia				
Hydrangea			July Sept.	
Hypericum, Golden St. John's Wort (*H. aureum*)				Yellow
Japanese Maple (*Acer palmatum*)				
Japanese Snowball (*Viburnum tomentosum plicatum*)			April May	
Kerria, Globeflower			June July	
Mockorange (*Philadelphus*)				
Privet (*Ligustrum*)			May June	
Redtwig Dogwood (*Cornus stolonifera*)				Red
Rose				White, yellow
Strawberry Shrub, Sweet Shrub (*Calycanthus floridus*)				
Summersweet, Sweet Pepperbush (*Clethra alnifolia*)				
Sweetbriar (*Rosa rubiginosa*)				
Spirea				
Tamarix				
Viburnum				
Witchhazel (*Hamamelis*)				
Weigela				

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TREES (Deciduous)

	HEIGHT	CHARACTER	USES AND REMARKS
	50-100′	Graceful, open growth; fine trunk, conspicuous in winter and spring; free from insects.	Good in groups or singly; Purple Beech and Weeping Beech especially good as specimens.
	40′-100′	Graceful form; rapid growth; conspicuous trunk.	Effective either as specimens or combined with evergreens, but not long-lived.
	12′-20′	Small tree with horizontal branches; clouds of white flowers in May; autumn coloring.	Good lawn specimen, especially near residence; a tree for every garden.
	80-100′	Most graceful of all large trees; any soil; fairly rapid growth.	Unexcelled for street planting, also for framing views or vistas: Chinese Elm is small sort, excellent for small grounds.
	20-30′	Most beautiful of all flowering fruit trees. Pink and white form.	Specimens are especially effective near water or among evergreens.
	15-40	Broad, spreading head; dense foliage; vigorous growth; grow anywhere.	Excellent shade tree for fairly large areas; falling leaves and nuts somewhat messy; beautiful in flower.
	50′-100′	Rapid grower, extremely hardy; withstands drought; thorny and thorn-like varieties.	Quick results for hedge, screening, or fair shade; effective in bloom; good specimen.
	8-25′	Large shrub or small tree; unmatched beauty in bloom; fragrant; attractive all seasons.	Individual specimens; excellent for tall hedges or screens; hybrid varieties in somewhat sheltered position.
	80′-150	Broad, pyramidal form with somewhat drooping branches, making a tent-like tree.	Excellent for shade or specimen. **T. vulgaris** quite fragrant in flower.
	20-40′	Branching, open, small tree with conspicuous flowers.	Excellent as lawn specimen in somewhat protected position; white and pink forms.
	80-100′	Rapid growing; thrives in most soils; shade; good fall color.	Good quick shade tree, but not long-lived; often employed where Elm, Oak or Linden would be better.
	60′-80′	Unique; irregular form; unusual foliage; rapid grower.	Good for street planting or specimen; out of the ordinary, vigorous. Procure male trees, if possible, as others have disagreeable odor in bloom.
	15-25	Irregular, open, small tree; attractive foliage; wonderful show of red fruit in autumn and winter.	Small lawn specimen, or very attractive near evergreens.
	60-100′	Pyramidal or rounding with irregular horizontal branches; distinct character; fine autumn coloring; long-lived.	One of best permanent street, shade or specimen trees; varieties differ considerably; select carefully before planting.
	100′	Tall trees; irregular spreading branches; usually handsome, bold trunks, conspicuous as bark sheds.	Very rapid growing tree, shade and specimen; among most satisfactory of all trees; European type smaller than American.
	15-15	Broad, spreading form; attractive foliage; leaves shiny, usually in motion; not long-lived.	Best employed as temporary tree for quick results, in connection with slower trees to replace them. Lombardy Poplar especially good for quick formal effect.
	20-35	Irregular growth; picturesque; conspicuous blossoms before leaves appear.	Excellent specimen, especially in naturalistic setting or in front of evergreens.
	30-50′	Irregular, picturesque, ornamental with green bark in winter and golden in spring; excellent autumn color.	Specimens, groups or back of shrubbery border; much neglected American native tree; any soil.
	15-20′	Effective small tree with clouds of unique, purplish flowers in late May or early June; good autumn color.	A very attractive and out-of-the-ordinary specimen for lawn.
	80-150	Splendid, dignified pyramidal tree with attractive foliage and yellow-green, Tulip-like flowers.	Splendid for street, specimen or shade; magnificent tree deserving wider use.
Willow	40-80′	Most graceful, large tree; very rapid grower especially in moist soil	One of the most easily grown and decorative of all, especially near water; deserves place in almost any planting.

TREES (Evergreen)

(Note: Remarks apply to species or types, there are dwarf forms, and varying shapes and colors in the catalog varieties.)

		Stiff pyramidal form; horizontal branches, smooth bark, upright cones.	Avenue planting, specimens, windbreak; object to smoke or dust, prefer moist soil; handsomest young; picturesque, if not ragged, with age.
	40	Similar to Fir; somewhat more graceful; rough bark; cones pendant; branches often curved gracefully.	Like Fir, somewhat better under unfavorable conditions; wonderful hedge; great variety color tones.
	60-100′	Much more graceful than either of the above; bluish green foliage; young growth beautiful; vigorous, healthy grower.	As above; one of the most satisfactory of the big evergreens; handsome small, magnificent full grown.
	15-50	Most graceful of all evergreens; pendant branches, fine foliage; dark green, silvery beneath; retains gracefulness with age.	Individuals or groups; unsurpassed background for other plants or as clipped hedge; stands more shade than others.
	1-50	Bold trunk; horizontal branches; dignified and picturesque with age.	Will succeed in many locations where all above do indifferently; adaptable to all purposes; Scotch Pine fair substitute where White Pine cannot be grown.
	20-40	Deciduous evergreen; very graceful; picturesque; healthy, rapid grower.	Good for summer shade, but admitting winter sunshine; Japanesque effect; excellent background for rock gardens.
	60-100	Well branched pyramidal form with extremely graceful, feathery light green foliage; attractive cinnamon bark.	Splendid specimen in normal or wet soil; hardy to Massachusetts; unappreciated native evergreen.
	3-40	Pyramidal or globular habit; broad Fernlike foliage; Amer. varieties hardy; oriental hardy to N. Y. or further where sheltered.	Many forms and color tones. Small gardens and foundation plantings; small individual specimens.
Juniper (*Juniperus*)	2′-20′	Irregular; dense foliage; conspicuous blue or silvery berries.	Prostrate forms excellent for ground covers; narrow columnar for formal effect; both for foundation planting.
	30-50	Pyramidal form; fairly rapid growth; extremely hardy; successful on light, sandy soil.	Massed evergreen planting; specimens; dwarfer sorts, like Koster Redcedar, for foundation planting.
	3-40	Dense upright or spreading growth; darkest foliage of all evergreens; conspicuous red Cranberry-like fruit; prostrate and upright forms.	Groups, borders, and good for foundation; Hicks' Yew new, extra hardy upright.
		Extremely graceful; soft feathery foliage; hardy to New England.	Foundation planting; formal specimens; trim well.
Sawara Cypress (*Chamaecyparis*)	2′-20′	Many most beautiful plumy forms, especially Moss C. (**C. p. squarrosa**).	Great variety of forms and colors for foundation planting and in groups.
	1-50	Dense habit; distinct, drooping, tropical looking Fernlike foliage; hardy to N. Y.	Most outstanding and unique in texture of all hardy evergreens; always commands attention as a specimen.
	10-30	Irregular habit; deep green foliage; bronze in winter.	Exotic specimen; excellent for rock garden, hardy to N. Y.

SHRUBS (Evergreen)

	6′-8′	Beautiful, smooth, glossy foliage; pinkish white Arbutus-like flowers, June-Nov.	Neat growth; splendid for foundation planting, border or specimen; hardy to Long Island, but not evergreen North.
Azalea (varieties)	3′-6′	Brilliant flowers early spring.	Foundation planting; specimens in sheltered locations; partial shade; peaty soil, well mulched.
		Dwarf growing; small yellow flowers followed by coral berries.	Use for border or foundation foreground; rock garden; new, excellent.
		Extremely dense, thick growth; small shiny foliage; shears well.	Ideal edging and hedge plant; use dwarf type for former; peaty soil preferred; protected north of Long Island, N. Y.
	2′-6′	Upright or trailing; dense, irregular, bushy growth.	Groups; foundation planting; trailing sorts especially for rock gardens.
	18′	Beautiful fragrant pink flowers more or less throughout season.	Foundation foreground, rock garden; hardy but not easy to grow.
		Broad, thick, shining leaves; dense rapid growth; shears to any size or shape.	Splendid for dense evergreen hedge, formal or informal specimen; hardy to Phil., protected location; excellent for seaside.
Firethorn (*Evergreen*)		Low, branching, spreading; white flowers with conspicuous orange-red fruit.	**Lelandi** most vigorous variety.
Holly (*Ilex*)	15′-25	Bushy or tree-like growth, occasionally to 50′; scarlet berries on female plant.	One of the finest of all trees for lawn specimen; should be much more generally used; shade or sun; American Holly hardy to New England.
	4-6	Narrow, bright shiny leaves; white flowers; ink-black fruit; sun or shade.	Group or foundation planting; fine, unappreciated native shrub.

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VINES

NAME	COLOR		
Boston Ivy (*Parthenocissus tricuspidata veitchii*)	Foliage	Clinging	Unsurpassed wall vine, natural protection as well as ornament, especially
Cathedral Climber (*Cobaea scandens*)	Purple, white	Tendrils	Large bell-shaped flowers
Hyacinth Bean (*Dolichos lablab*)	White, reddish	Twining	Heavy glossy leaves, hardy to N. Y.; further north as ground cover
Japanese Hop (*Humulus japonicus*)	Foliage	Twining	Rapid grower, ornamental foliage
Moonflower (*Calonyction aculeatum*)	White	Twining	Large white flowers, fragrant
Purplebell (*Cobaea scandens*)	Purple	Tendrils	Large bell-shaped flowers
Morning-glory (*Ipomoea purpurea*)	Many colors	Twining	Rapid grower, many colors
Scarlet Runner (*Phaseolus coccineus*)	Scarlet	Twining	Rapid grower, ornamental foliage

PERENNIAL

Ampelopsis (Virginia Creeper)	Foliage	Clinging	Unsurpassed wall vine, natural protection as well as ornament, especially on stone, brick, etc.
Bittersweet (*Celastrus scandens*)	Orange red	Twining	Heavy glossy leaves, hardy to N. Y.; further north as ground cover
Clematis (Virgin's Bower)	White	Twining	*C. montana* rubens, rosy-red, fragrant
Dutchman's Pipe (*Aristolochia sipho*)	Brown	Twining	Large leaves, curious pipe-shaped flowers
English Ivy (*Hedera helix*)	Foliage	Clinging	Unsurpassed wall vine, natural protection as well as ornament, especially on ground
Honeysuckle (*Lonicera*)	White, yellow, red	Persistent, twining vine	Rapid grower, many colors
Trumpetcreeper (*Bignonia radicans*)	Orange	Clinging	Large-flowered type
Wintercreeper (*Euonymus radicans*)	Foliage	Clinging	Excellent evergreen for wall
Wisteria	White, purple	Twining	Rapid grower, fragrant flowers

PLANT MATERIAL FOR VARIOUS PURPOSES

EVERGREEN TREES

Pfitzer Juniper
Koster Redcedar
Savin Juniper
Juniper (various)
Yews (various)
Chamæcyparis (various)
Dwarf Hinoki Cypress
Dwarf Mugho Pine
Dwarf Jap. Yew
Dwarf Alberta Spruce

Rhododendron Hybrids
Drooping Leucothoe
Cotoneaster

PERENNIAL

Daylilies
Hardy asters
Dianthus

Tulips
Narcissus
Narcissus species
Early flowering bulbs

EVERGREEN TREES

Canada Hemlock
Norway Spruce
White Spruce
Douglas Fir
White Pine
Scotch Pine
Amer. Arborvitæ
Redcedar
Chinese Juniper

PERENNIALS

Hardy asters
Hollyhock
Delphinium

Marshmallow

Roses

Dahlias
Climbing
Scarlet Runner and others

HOUSE & GARDEN'S GARDENING GUID

PLANT MATERIALS FOR VARIOUS PURPOSES (continued)

HEDGES

	SHRUBS	PERENNIALS	ANNUALS & BULBS
English Yew	Dwarf Box Japanese Quince	Hollyhock Bocconia Chrysanthemum	Gypsophila

EDGING

		Mosspink (Dwf. Phlox)	Alyssum

BORDERS

Colorado Spruce	Azaleas Abelia Cotoneaster	Aquilegia Larkspur Phlox Iris Coreopsis	Santa Barbara Poppy Cosmos Tulips Crocus

GROUPS

Canada Hemlock Arborvitæ Koster Redcedar	Cotoneaster, Prostrate Watty Barberry	Forsythia, Weeping Deutzia, Slender Hollyhock Astilbe Delphinium (esp. Hollyhock- Japanese Iris Lilies Tritoma	Evening Primrose Grasses Dahlias (Pompon & Single var. Tuberose Summer Hyacinth

SPECIMENS

	SHRUBS	PERENNIALS	ANNUALS & BULBS
Nikko Fir Nordmann Fir Koster Blue Spruce Lumber Pine Tall-growing Conifers and	Purple Beech Weeping Beech Cutleaf Birch Weeping Mulberry English Hawthorn Holly (var.) Redbud	Azalea Magnolia Flowering Cherry Beehtel Crab Spirea, Van Houtte Abelia, Glossy Tree Box Peonies Aconitum Boltonia Bocconia Anchusa (Opal) Butterflyweed Astilbe *rnoerheimi* and new giant var. like Salland and Prof. van False Indigo (Baptisia) Mullein (See also preceding list.)	Ricinus Schizanthus Amaranthus Coleus Eremurus Caladium (Elephant's Ears)

ROCK GARDENS

	PERENNIALS	ANNUALS	BULBS
Dwarf Mugho Strain Koster Redcedar	Dwarf Box Creeping Mahonia Box Huckleberry Heather (several var.) Lambkill Laurel Myrtle Rhododendron	Goldentuft (Alyssum) Amer. Columbine Dwarf Alpine Rockcress Dianthus (small types) Coralbells (Heuchera Perennial Flax (Linum) Mosspink (Dwf. Phlox) Primula (various) Sedum (various) Viola Thyme (creeping)	Alyssum, dwf. Miniature Cal. Poppy Stonecrop, Blue (Sedum) Portulaca Viola	Tulip, species Narcissus,species Narcissus W. P. Milner Scilla, various Grape Hyacinth Snowdrop Snowflake Pasqueflower Fritillaria, (dwf. sorts) Oxalis

EVERGREENS

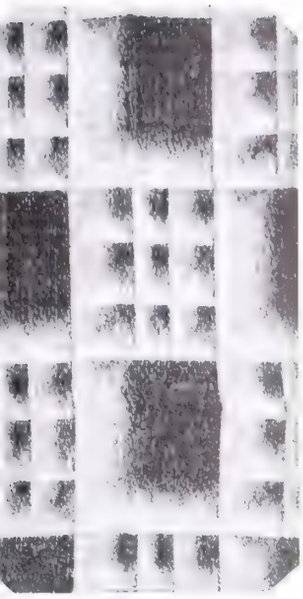
FIRST STEPS TOWARD A CITY PLAN

Before the Actual Work Upon A City Plan Is Undertaken

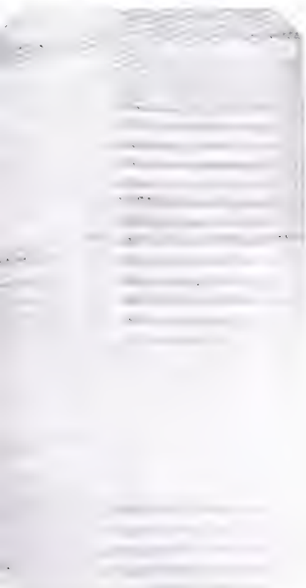
Thorough Preparation Is Most Essential

CHEAPING [illegible] sort [illegible] and [illegible] [illegible] [illegible]

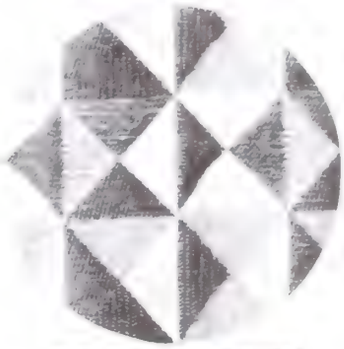














FABRICS WITH A MODERN FLAVOR



(Center, above) Shaded oblong blades [illegible] tan and brown against a silvery background. Below them, a faint all-over pattern in shades of [illegible] apricot and brown

pattern woven in shaded effects. The fabric below it



COMFORTABLE AND COLORFUL PILLOWS

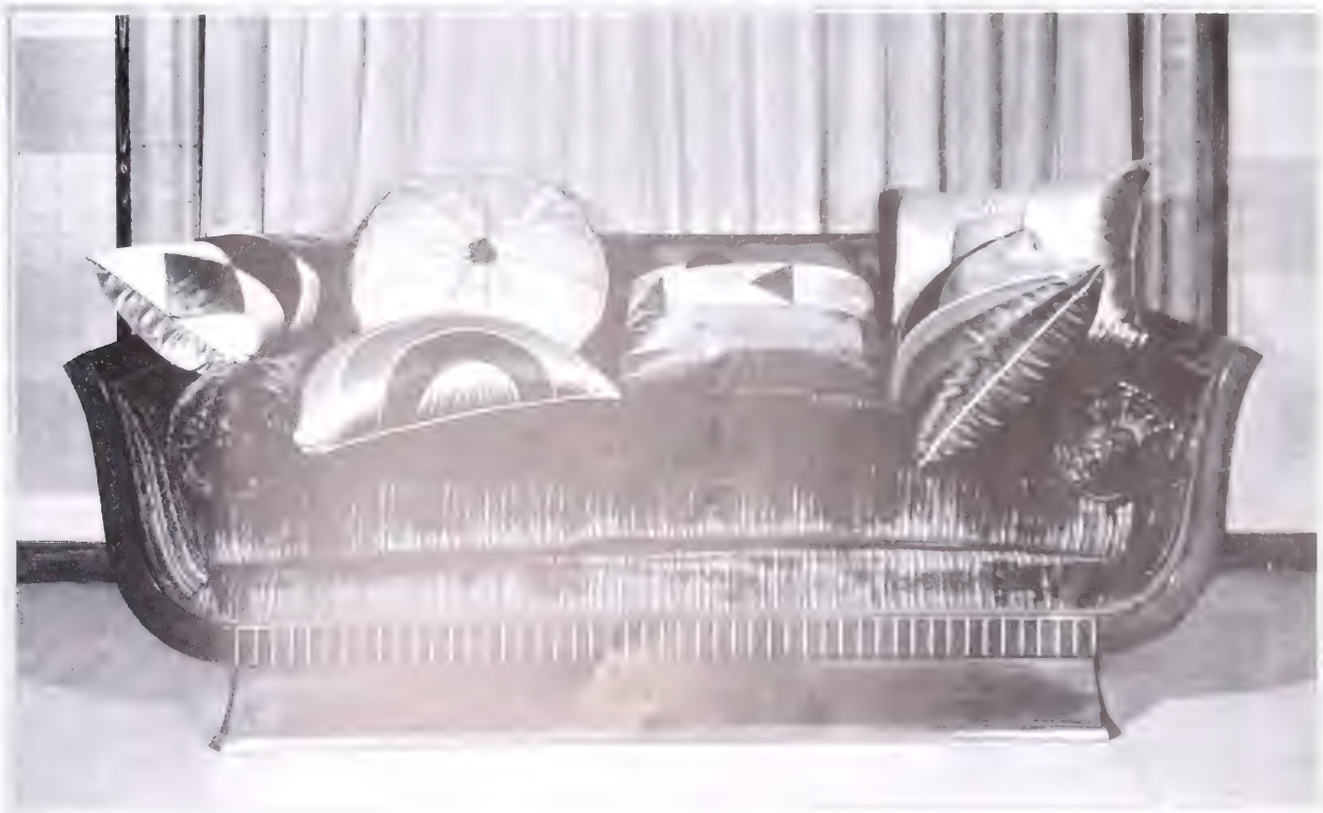


From gold [illegible] panne, depicts a gallow design in Thai-era gilding. The intricate pattern shows it beautifully and is but one of a great number of lovely designs that may be seen at the shop of Eleanor Read

Each pillow on this group has an individual virtue to recommend it: the yellow satin, lavender appliques; the small oval, a hand-painted Japanese scene; the third, Italian tufting. Guild of Needle and Basket Crafts



...native and ones in ... sides—each with ... ly colored French ... and handkerchief ..., either tie backs or ... Paisley centers. Hand-embroidery on each ... striking color combinations is very handsome, too. Pillow Shop



The GARDENER'S CALENDAR *for* MARCH

This Calendar of the gardener's labors is planned as a reminder for taking up all tasks at their proper seasons. It is intended for the latitude of the Middle States, but may be made available for the whole country if, for every one hundred miles north or south, allowance is made for a difference of from five to seven days later or earlier in the time of carrying out the operations. The dates are for an average season

FIRST WEEK

WITH the advent of March comes the beginning of real garden work. Even though the days be blustery and the chill of winter still lurks in the air, one knows that real spring is just around the corner and that there are many duties to be performed shortly, which a few weeks ago could be looked upon as duties thus early in the season!

Among the first things to attend to is the pruning of Rose bushes. The risk of winter-killing is practically over, and whatever cutting needs to be done had better be finished before growth starts. The pruning [illegible] only on wood of the coming season and that pruning is aimed to encourage the formation of this new growth. Weak growths should be cut back more severely than their stronger companions.

A [illegible] is in order, too, concluding with a lusty bonfire of twigs, dead stalks, leaves and all manner of litter which is the inevitable aftermath [illegible].

While you are at work around the grounds, give a thought to locations for two or three more nesting boxes for wrens, bluebirds and the few other species that will take advantage of such homes. The birds will soon be arriving from the South and everything should be ready when they get here. Fairly secluded and cat-proof sites are the most likely to attract tenants.

As far as actual planting of seed is concerned, little can be done outdoors thus early in the month. In the house, however, all the flats should be at work starting annual flower seeds and those of vegetables such as [illegible].

SECOND WEEK

WHEN the last snow has vanished and the surface of the ground has dried out a bit it is time to rake the lawn thoroughly and give it a light top-dressing of good loamy soil over which fine bonemeal is to be thinly scattered. Even though the turf may have been good last year, this annual replenishing of the materials on which the grass roots feed ought never to be omitted. The best of lawns will fail unless it is properly maintained.

This week, too, unless the season is very backward, the cane fruits, climbing Roses and any other plants that have been laid down for the winter can be uncovered and returned to their places on trellis or arbor. If left down too long there is likelihood of growth starting when the canes are not in position to support it. When tying of the canes [illegible] cloth rather than twine, and do not fasten them too tightly lest their [illegible].

Frequently, about this time in the month, a spell of unseasonably warm weather tempts the unwary gardener to start outdoor planting far in advance of the normal time for it. Perhaps once in a dozen years you can "get away with" such things, but the chance is too slight to be recommended.

Such a foretaste of real spring goes far toward drawing the last of the frost out of the ground, and thereby hangs another opportunity for garden work which ought not to be overlooked. The egress of frost produces a heaving action in the soil which is dangerous to small plants, so no time should be lost in firming down such small fellows as have been loosened. The rock garden is particularly likely to suffer in this way and will repay a thorough going-over.

THIRD WEEK

IT is a great help to the spring-sown lawn if the grass gets a good start before the dry weather which is quite likely to come in May. As a means of assuring such a favorable beginning the seed ought to be sown early—about the third week in March. Grass seed will germinate and grow in surprisingly cool weather; in fact, if the situation is well sheltered from wind and open to the sun, the planting can sometimes be done even earlier than this. When sowing, broadcast the seed from two directions, for more even distribution, and choose a quiet day for doing it.

The planting of most kinds of nursery stock, evergreen as well as deciduous, ought to be done as soon as the frost is out of the ground. Such a plan will minimize losses, for the work will be finished before the new growth starts. Firm the soil well around them.

Speaking of frost, its early spring-time action often does surprising things. One of these is the raising of deep-lying rocks which last year were below the level of cultivation. It follows that early vegetable garden preparation ought to include spading to the full depth of any subsequent cultivation, in order to reach and remove these invaders from farther down. Of course, ground that has been well worked for years is not subject to this condition, for after a while all the stones that the frost can reach will have been removed.

The disappearance of soil frost, too, clears the way for the first outdoor seed sowing—that of the Sweet Peas. These seeds can hardly get too early a start, for they like cool weather and deserve a chance to make plenty of deep root growth before the advent of hot days and dry soil.

FOURTH WEEK

BOTH classes of Peas—the garden varieties as well as those grown for their blossoms—benefit by very early planting. Soil and weather conditions which would rot most seeds are the Peas' delight and enable them to lay the foundation for a long and successful life. More than the early planting means earlier yield, which is the ultimate object, after all. A good plan is to make the planting trench about five inches deep, cover the seeds with two inches of soil, and fill in as they grow.

With the exception of the Pea, outdoor seed planting had better be deferred until the soil has dried sufficiently to enable you to dig and rake it into a well pulverized condition. To work soggy soil, especially in the spring, is to fill it with lumps and clods which, as they dry out, will make tough going for young rootlets.

By this time, as a rule, the frost is almost or quite out of the ground, so removal of the winter mulches from the flower borders and other plants can begin. The wisest plan is to take them off gradually, making two or three bites of the cherry, so to speak, over a period of several days. This will result in a safe "hardening" of any young growth that may have appeared above ground. The discarded mulch usually makes a good soil improver that is worth digging in.

After the coverings are off the hardy border and the locations of the plant clumps can be determined, a general application of fine bone-meal is an excellent plan. A single handful to each fair-sized plant is a good average. The pulverized bone ought to be worked into the upper inch or two of soil with rake or a hand weeder. The grade known as "flour" is the most readily available to the plant roots.

[illegible] — Howsever, I'm glad, I sure am glad to git away 'from all that yappin' 'bout winder curtains an' chiny teapots [illegible] mouth on The Bulletin Board for the last five-six years! Makes me feel purty near like [illegible] that I'm back at'n among flowers an' trees an' manure heaps an' garden peas an' all them real kind o' things that are worth more'n all the fancy lace do-jiggers in [illegible], one o' these days!

"The p'int is, I reckon, thet the things I like most are them whut's growed natural'—not them that some slick city feller hes had made in a fact'ry. There's so much in the world nowadays thet's arteeficial thet a man gits a turrible hankerin' fer things whut ain't been all trimmed up by a barber, as ye might say.

"So I'm glad to git back here where I can breathe the old country smells an' chaw a straw an' listen to Birchy Holler Brook tumblin' over the Falls. Won't hev to worry no more 'bout trackin' in mud on the parlor floor, an' nobuddy won't kick when I set down to dinner in my shirt-sleeves, like a man should. I never did care much, anyhow, fer folks thet kept their shoes shined an' their coats on, an' by gol, I hope I never will'"



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VICTOR TALKING MA[illegible]

[illegible] U. S. A.

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THESE phrases coined in the rush of business usually ring cold to the feminine heart. Yet "open stock" is one that has become the common property of hostesses who have acquired the habit of dealing at Plummer's. For the benefit of those who may not know, an "open stock" pattern in china or glass is one that can be had in any number of pieces desired. In other words, a broken plate, a cup or saucer is replaced at once, without delay or fuss. The "open stock" patterns here are in abundance– just one of many reasons why Plummer's has earned the praise and patronage of the hostess.

An open stock pattern is shown above in English Cauldon Queensware. Its pattern entails a border of rich Persian Coloring in a Conventional yet pleasing design. Dinner Plates are marked at $14 per dozen; Teacups and Saucers at $14.50 per dozen (HG-5876).



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CAULDON ROYAL WORCESTER ROYAL DOULTON COALPORT



The sun parlor room of C. J. Devine, Hempstead, L. I., has a red tile floor, green chintz couch and wicker furniture painted yellow. The flower boxes are filled with Helen Neville, flowers.

COLORFUL AND CHEERY SUN ROOM

(Continued from page 104)

In Europe there is a note of color that has found its way into the most modest and expensive furnishings. In London, this possibly has often been cheered by the strong note of color seen in many windows, as it to counteract the monotone of that dark and time have left on the street facades. In these countries, the primary colors seem to have supplanted in interior decorating the pastel shades of the 18th Century, and the uncertain and negative combinations of the cautious 19th. Of course, in the Mediterranean countries, the pendulum has not swung so far, since they have always painted their surroundings in the higher key of color demanded by their brilliant skies and their glaring sunshine.

In America, where we have realized the possibilities for color in the sun room, we have found that the severe brick walls of the first sun rooms have to be tempered with trellis work and attendant outdoor motifs. Then later the rough plaster finish proved more stimulating, since it called for mural decorations to add gaiety. The introduction of arcades, niches, fountains now play almost as large a part as do the formal gardens which help tie the residence to the surrounding ground.

In one of the sun rooms illustrated

(Continued on page 136)



In the residence of F. S. Salmon, Fairhaven, N. J., the deep cream walls form a background for draperies in black, gold, henna and green, under curtains of gold gauze, and for teakwood and wicker furniture, all of which reflect the glow of sunlight. Barton, Price & Willson, decorators

Treasure"
olid Silver



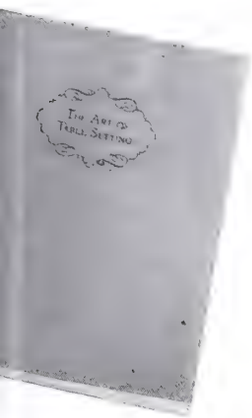
Luncheon Is Served

It is to the woman who entertains that «Treasure» appeals. Her quick sense of the niceties of table appointment extends to a very real understanding of the why and wherefore of *design* in silver.

For «Treasure» has not only caught authentically the beauty and charm of the most favored period styles of the 18th century. It has added a freshness and [illegible] of another word we call *style*.

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Early American

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A comfortable sun room has been created on this enclosed porch. Brick walls, ... Pompeian ... chairs, with ... and ... of ... latticed ..., in ...

COLORFUL AND CHEERY SUN ROO

(Continued from page 130)

... sky of the landscape ... and the old paper ... designs ... the sky blue ... which the ceiling ... painted. In ..., a two-toned blue linen damask ... and the dominating material ... color. With ... shades of blue ... browns with copper-colored ... and a touch of green ... together those other colors used on smaller furniture—the stripe of yellow and green and the larger one of ... green and yellow. All these combinations are governed by the size of the room and the variety of furnishings. The pieces are in a simple, rather rustic style, in fruit woods and painted wood; some are Italian, some Directoire, some French, but all are in the lighter 18th Century modes. Another photograph shows the Directoire motif in prominence.

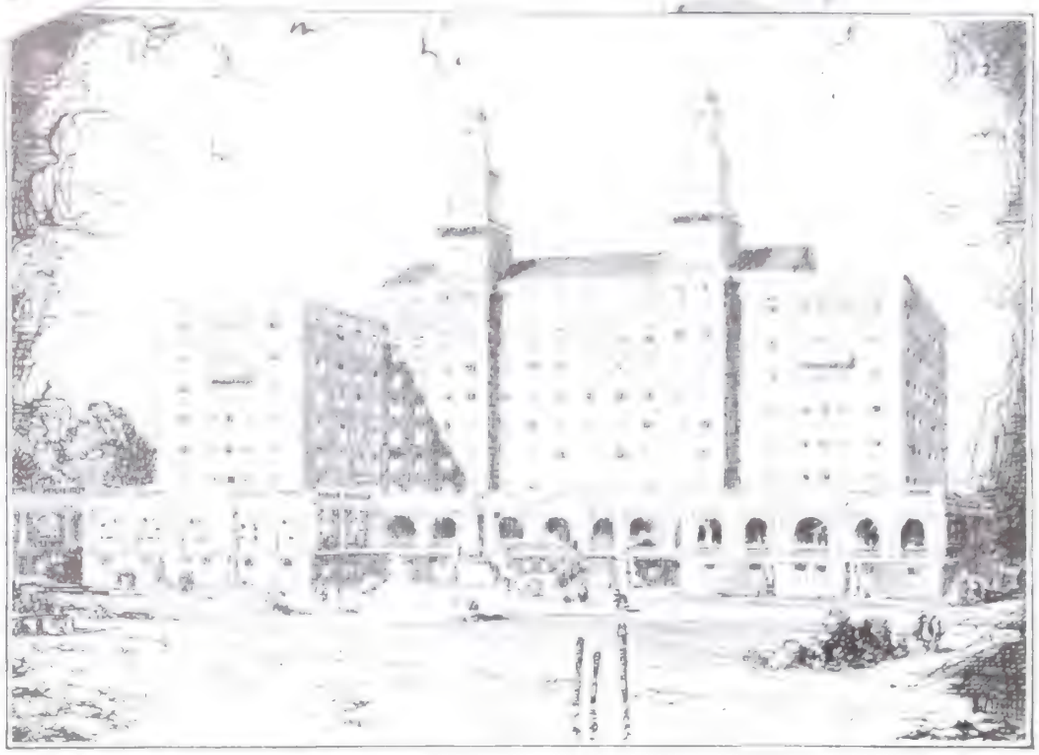
In such rooms, two colors alone would prove monotonous, so we can make a gay blending, say of pale ... with ... white flowers and blue leaves, with the deep burnt orange of one material ... the ... of yellows, deep blue and red of some other coverings.

When a sun room wall is seen in definite connection with the architecture and colors of the house, the walls should follow that architecture and color. Thus stone color is sufficiently neutral for many such rooms. Often the plaster can be colored cheerfully. For instance, one room built like an inner court, between two wings of a house, was made gay with apricot colored walls. In another the room ... as an escape from too great a glare of sunlight, so th... themselves were painted a soft a... green, the curtains are a thin cha... able blue and green material w... give the effect of light seen t... under water. The complemen... color is apricot. A little ye... —with bits of ... red in ... —brings gaiety without cr... too garish a color scheme for the ... effect which is desired.

A modest ... Inn at An... might be reproduced for a sun r... All one side is glass windows ... jambs and trim painted a tulip gr... Tulip yellow are the thin glass ... tains and yellow and green the fu... ture. Against the rough white pl... walls, a foot wide green trellis f... runs. At cross section to this an... every six foot interval, the band ... trellis is brought down on the ... wall to the height of small hang... wooden baskets, holding vines, w... iron candlesticks fastened to t... supply the lighting for the roo... This room gives on a gay co... where the doors and window trim ... in sky-blue, charming under the f... gay skies of France. This could ... adapted to our more comfortable ... mate sun room, done for the sim... home. For in all types and degrees ... our architecture, the sun room n... finds its place—a thing apart fro... European winter garden or the ... servatory.

Whatever the scale on which ... are to be built, these rooms must s... this new need of simplicity and lig... heartedness typified by them. And ... must express rest and cheer and cr... a retreat from the fever and une... ness which are characteristic re... of our manifold interests to...

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If its guests run true to form, we shall soon be getting letters asking where they can buy sheets like those at the Chamberlin-Vanderbilt. And we, of course, shall say in reply: "The same fine quality of Wamsutta Percale can be bought in almost every good department store in the United States."

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THE STAIRWAY AS A FEATURE

(Continued from page 91)

In the Jacobean period of architecture in England Renaissance buildings were starting as did those from Italy filtered in, and the English architects followed those of Italy in emphasizing the stairway's importance. In England it assumed what was often great width, with many quaint landings. Balustrades were of a form often highly intricate, and the newels, which were very numerous, made much use of the popular "bulbous" form, all this worked out in the elaborate and frequently heavy and cumbersome designs which characterized the architecture as well as the furniture of the period. In later types of English architecture the stairway was developed in various ways, always in keeping with the character of the building of which it formed a part. Thus during the Queen Anne and William and Mary period, when fashions—architectural and otherwise—from Holland were much in vogue, the English staircase embodied many small details reminiscent of the Flemish Renaissance, while during the long Georgian era, when English architects studied anew the spirit of antiquity and brought to a

(Continued on page 140)



This exceedingly attractive winding stairway is in a Georgian residence at Clinton, Georgia, built in 1819. It is now the home of Dr. Frank Jones



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THE STAIRWAY AS A FEATU

(Continued from page 180)

higher development the forms of English architecture, the stairway was given the utmost grace, refinement and subtlety, then there were developed those very slender and extremely graceful stairways which we associate with the name of Adam—"thin," perhaps, and often more than a little attenuated, but quite in keeping with the character of the architecture, which above all else was graceful and light.

In the designing and planning of the modern house the architect, while paying due and proper attention to the "detailing" of the stairway, makes little or no attempt at following the particular variety which has been developed for use with each of the historical periods of architecture, probably because centuries ago all the different styles or types came into more or less common use with architecture of all periods. Much more likely is the architect to choose the particular kind of stairway which can be used most advantageously and economically, and then adapt his designing and detailing to meet the requirements of the plan.

STAIRWAY TYPES

Broadly considered, there might be said to be four types of stairways in general use today, all four types having also been in use for centuries.

(1) The stairway placed in the most inconspicuous position possible, generally being made to run straight up between two walls.

(2) A stairway attached to a wall at one side but open at the other, and made to ascend in one straight "run" from floor to floor.

(3) Stairways closely resembling those of the second type, but turning, generally in an opposite direction, part way up.

(4) The so-called "circular" stairway, much used in England during the later Georgian or Adam period, and often copied with beautiful results in America during the later Colonial and early Federal periods.

The stairway of the type first mentioned has, of course, been in use from time immemorial—from the days when a stairway was regarded as merely a means of reaching one floor from another, and up to the period when the architects of the Renaissance realized that much might be done with the designing of this feature. It is of course the most economical of all types, and doubtless this accounts for its use during all periods and for its use to some extent today. It occupies but little of the square foot area of a building, and, since it rarely or never has banisters, its construction is of the simplest. It also possesses certain practical advantages which may account for its continued use, one advantage being that since it is generally closed in by a door below or above, or both, there is none of the draft of air which often seems to prevail where the stairway is "open," and particularly when it is placed where the opening of a door increases the draft.

A staircase of the second or "open" type is far more formal, and it is susceptible of being given a highly interesting architectural character. The banisters may be quite as elaborate as the taste of the architect and the means of the owner suggest. Of this character are many of the fine stairways of the famous old houses of Virginia, Maryland and New England, their balusters often being arranged three to the step or "tread," and beautifully carved, sometimes in three quite similar but slightly different patterns.

While the third type is a variation of the second, it is far more dignified and formal and much more architectural. One-third or two-thirds of the way up it turns upon itself, usually in an opposite direction and frequently upon a square landing, the platform its turning presenting an advantageous place for the use of a "Palladian" window, the variety of window possible in these various sections, the center section being wider and slightly higher than the other two and having a semi-circular top, all this giving an opportunity for designing a graceful arrangement of the panes of glass. Like the "straight run" stairway it has for years been given the utmost attention of facile designers, many early examples still remaining to bear witness to their ability. Their banisters are of course carefully designed and beautifully carved, often painted white and supporting a handrail likely to be of mahogany to afford a striking contrast to the white banisters. At the foot of such a stairway, or in place of a staircase of the preceding type, the newel may take the form of a graceful "volute," formed by the curving of the line of banisters and the handrail. Along with stairways of the second type, a staircase of this variety may have its "string course" or open side beautifully ornamented with carving, which naturally adds much to its architectural effectiveness. Stairways of types second and third belong, logically, in houses of some dignity, although not necessarily in large residences. Instead of being narrow and steep, as staircases of the first type most often are, they are broad and ample; their "treads" are wide, and their "risers," or the vertical distances from one step to another are sufficiently low to render use of the stairways inviting.

THE CIRCULAR STAIR

While each of the several varieties of the stairway already dealt with has its following, and while each is in wide use, there are many who feel that of all the "circular" is the most beautiful. It belongs, architecturally, as has already been suggested, to the latter portion of the Georgian era—the Adam period—when English architecture and its American follower often became attenuated and thin. It is generally built it sweeps up in a graceful curve, circular or elliptical, from below to above, often where a building is several stories high one gracefully curving stairway is placed above another, and the ceiling above the "well" thus formed is capped by some graceful arrangement of a dome. In America this form of stairway exercised a powerful appeal upon

(Continued on page 182)



THE modern spirit is capturing the whole field of home decoration. From furniture to silverware Continental trends hold sway. Fine modern wallpaper comes into its own with vigorous design and vivid color. And it is surely supplanting the monotony of single-color surfaces. But modern wall paper must be carefully chosen or bizarre effects may result. The House of Thibaut offers in its "Designs of Today" fresh and charming papers of tasteful correctness, modestly priced. Even if you have no decorative scheme in mind for your home now, you will be interested in seeing Thibaut's modern motifs. They are now being displayed at the quality stores listed on this page and by decorators generally. If you do not live near one of these stores write us direct for full information about these papers. Address: Richard E. Thibaut, Inc., 24 West 40th Street, New York, N. Y.

these modern motifs in decoration

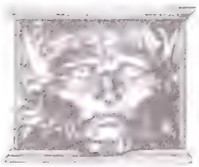
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SIGHTOLIER Galleries are devoted solely to the presentation of carved pieces of an authentic nature. Replicas of the most desirable treasures of all periods, from delicate tables to massive chests, are profusely exhibited. Here, where selections are virtually limitless, decorators and clients will surely find the precise pieces desired to heighten or sustain decorative harmony. Prices are surprisingly low and even the most modest budget will prove very adequate.



LIGHTOLIER GALLERIES



STEPS TOWARD A CITY PL

(Continued from page 126)

quickly consider, as a permanent location for their interests, that community which has a constructive plan. And living and recreational conditions are far superior in those cities which have carried out a significant plan for parks, playgrounds and other open spaces. These are the cities that are going forward and becoming outstanding examples of progress.

The various means of reaching the public through the local press, through periodicals, lectures, through ministers, and all of those in public work should be used to the best possible advantage. Every editor and publisher is keenly interested in anything work[ing] for the logical growth of his city. They will be glad at all times to keep their readers informed of the purpose and workings of the plan and [the] benefits to be [de]rived therefrom.

CIVIC PUBLICITY

Another aid in public education will be found in the local moving picture theaters where lantern slide views of needed changes in the physi[cal] [con]dition of the city may be shown. [Also] the advantages of the plan pro[posed], [as] compared to the present condition views may be shown featuring beneficial changes resulting from execu[tion] of [the] individual projects.

In addition to the work of education, which is carried into every corner of the city by a continuous supply of news stories and pictures, it is the work of this citizens' committee to raise the funds necessary for carrying out the work proposed, and to keep in touch with the program throughout its length, constantly keeping the public advised as to progress.

The City Plan Commission, whose duty it is to carry out the plan after it has been submitted to the property owners and adopted by them, may be appointed by the mayor and comprise members of the city staff, or they may be chosen or elected by the property owners. Many cities have found the latter method advisable as it eliminates the confusion of the detail city work which must be carried on at all times, and the possibility of favoring certain projects over others which may be as necessary or as advisable. This commission should be small in number, advisedly of seven or nine members. Even five members have been appointed to carry out the duties of the body. In one case, where there were fifteen members on the City Plan Commission, it was found to be entirely too unwieldy a body and rarely were they able to get a quorum at any meeting.

In order to prepare an intelligent city plan it is necessary to have a comprehensive survey made of the city showing its needs and existing conditions. From this survey the recommendations for a plan are drawn. These are then presented to the property holders and voted on as separate projects, those finally approved being embodied in a complete city plan.

At this time active members of the citizens' committee should make themselves thoroughly familiar with the workings of city planning through the many books and publicat[ions] the subject, bulletins issued [by] formation given by national a[nd] organizations engaged in the [pro]tion of city planning projects, [by] visiting other cities where pla[ns] been adopted and are being [car]ried out. It is also necessary that th[e] bers of this committee study th[e] status of city planning and zo[ning] their immediate locality, and [be]come familiar with the l[aw] mands or allowances, or the n[eed] further and more comprehensi[ve] lation along these lines.

In addition to the paid or [vo]luntary services of the members [of] City Plan Commission, it is n[ot] to employ the services of a ci[ty] consultant on whole or par[t] according to the demands of th[e] munity and the individual p[ro]making such a selection, it is [im]tant to secure the services of [a] who[se] [re]cognized [ex]pe[rt] whose knowledge of local co[n]assures his competence.

To supplement a City Plan [Co]mission, it is often found advis[able] appoint a Zoning Commission [to] purpose of studying the zo[ning] of the city, preparing zoning [la]and making recommendation [for] [fa]vorable zoning of the city [as] to protect property owners [from] croachment by undesirable d[e]ments. These recommendatio[ns] made from maps which show the best uses of the various area[s] commissions are often temporar[y] their maps and recommendatio[ns] approved and protected by fa[vor]legislation. Or, in some [cases] the work of properly z[oning] city may be performed as [a] of the city plan.

AN APPEAL BOARD

It is also advisable, where a Z[oning] Commission exists, to appoint a [Board] of Appeals, which will hear a[nd] cide on those cases where the [zoning] ordinance would seem to work a[n] ship on some individuals. The[y] is appointed for the benefit [of] property owners and is est[ab]after the zoning law has been p[ut] effect. In many instances, the Bo[ard] Appeals reduces the number of [cases] which would find their way in[to] lower, and, in some cases, [to] higher courts of the country. [One] of these committees and [one] the members are appointed for [the] periods of time of equal or [the] overlapping length. The service [is] many cases voluntary with remu[ner]tion only to those who give [much] their time; or in other cases, a no[minal] sum is paid for such service.

The personnel of the Zoning [Com]mission and the Board of A[ppeals] should include men who thoro[ughly] understand the uses of land, [values] and area, and in the latter, the [pro]lems of construction, such as [archi]tects, contractors or engineers.

In a number of the more pr[ogres]sive American cities of today, [much] credit is due the Art Jury, whic[h may] be a separate body or a part [of the] City Plan Commission, whose d[uties]

(Continued on page 148)

FAIRFAX

Inspired by a Quaint Colonial Chair





From a lovely Colonial chair the designer of Fairfax drew his inspiration for this delightful pattern. A design of such rare charm that it has found its place in more fine homes than any other sterling silver pattern in the world.

With its sharply contrasted planes and exquisite simplicity, Fairfax makes an immediate appeal to the lover of the authentic Colonial mood. It perpetuates in enduring sterling an artistic motif that has lived and flourished for centuries. Passing time and fads of the moment will not dim its beauty. Fairfax is Colonial Georgian in character. It finds ready harmony with those Colonial decorations so much in vogue today.

During March leading jewelers are making special Fairfax exhibits, showing complete dinner and tea sets. Yet it is only one of many Gorham productions your jeweler will gladly show you.

knives, $22 for six. Dinner forks,

GORHAM



tever your taste—whatever

ERICA'S

FOR OVER

Why drive in fear of *flying glass?*



IF you don't have a fear of flying glass, you ought to. A surprisingly little jar can shatter and then....from four sides....into your eyes ....into your cheeks....into your neck....into the faces of those behind you....the needle-pointed flying fragments....

A WICKED RISK TO TAKE

when TRIPLEX will protect you

Triplex

THE GLASS THAT WILL NOT SHATTER

Every new FORD *is equipped with a windshield of* TRIPLEX*—the glass that will not shatter*

Triplex is the famous glass used for years in the best foreign automobiles and now made in America. It is clear glass with no wires to obscure the vision. In a serious crash it will crack. But it cannot shatter. It cannot fly.

Remember this—sixty-five per cent of all injuries to automobile passengers are caused by flying glass. And the accident need not be serious to cause painful cuts, permanent disfigurement, even the loss of your eyes.

Why gamble? Why risk your children's eyesight when a small investment will protect you? Why go on spoiling your automobile pleasure with the constant fear of flying glass?

THE TRIPLEX SAFETY GLASS COMPANY OF NORTH AMERICA, INC., Hoboken Terminal, Hoboken, N.J.
In Canada: W. E. Phillips Co., Ltd., Oshawa, Ont. In England: The Triplex Safety Glass Co., Ltd., Piccadilly, London

Ask your dealer about Triplex or fill out this coupon—for your own peace of mind

THE TRIPLEX SAFETY GLASS COMPANY OF NORTH AMERICA, INC., Hoboken Terminal, Hoboken, N.J.

GENTLEMEN: Without obligation please mail me your booklet about Triplex—the glass that will not shatter.

Name_____

Business Address_____

Make of Car_____ Model_____ Year_____

M-18

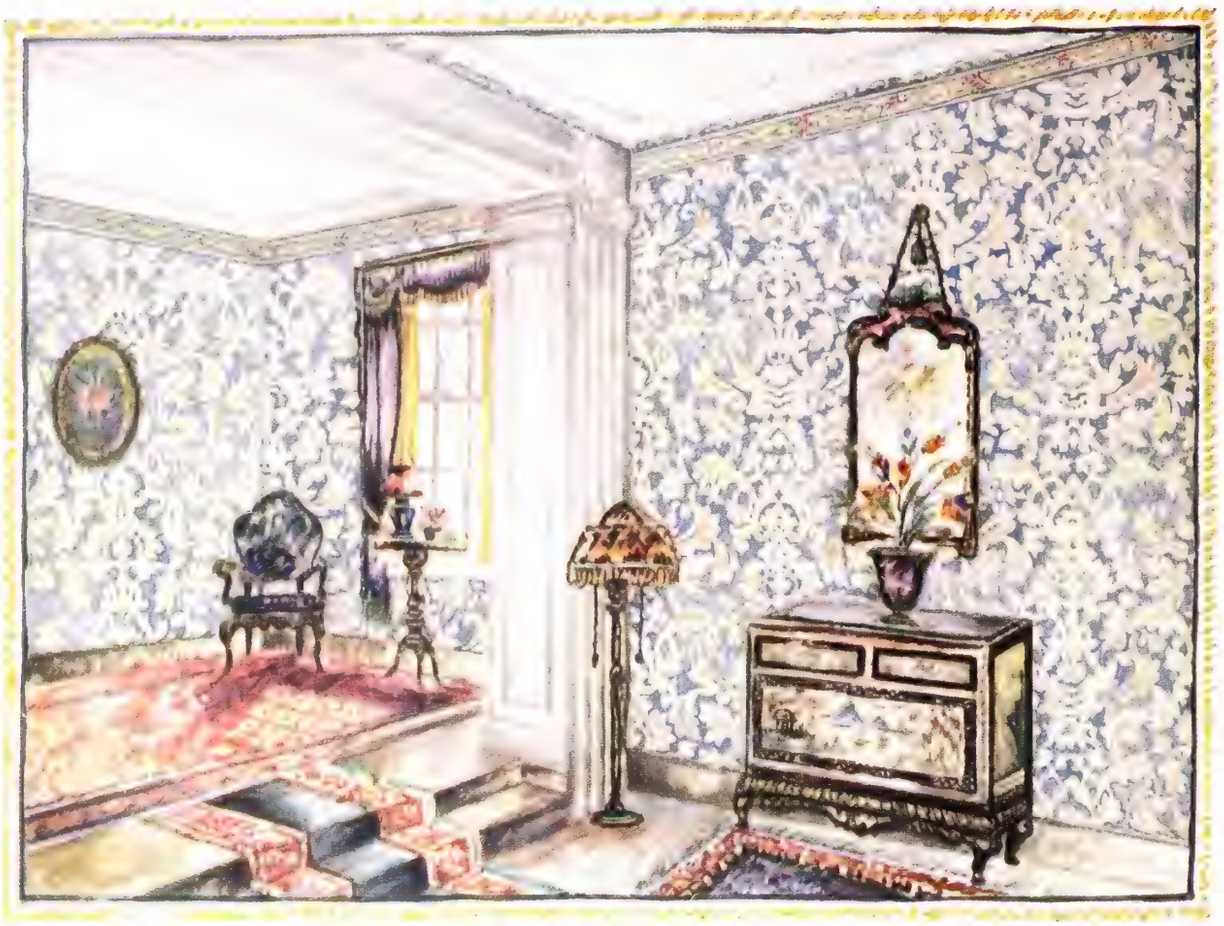


EXPRESSING a fresh flowering of genius in motor car design, the New Cadillac is the very spirit of fleetness, poise, power and luxury; caught in lines that reveal no compromise with the past. Built upon a highly developed chassis and powered by the proven 90-degree, V-type, eight cylinder engine, it presents a combination of excellence that exceeds anything hitherto offered in the fine car field—a fact amply endorsed by the public reception accorded this car.

More than

CADILLAC

A NOTABLE [illegible] OF GENERAL MOTORS



Your Wallpaper Sets the Keynote

IN modern decoration, wallpaper sets the keynote. Its infinite variety of coloring and design offers the home-owner unlimited opportunities for the expression of taste and personality.

Wallpaper will help you accentuate the best features of furniture and architectural detail. And, wisely chosen, it will help you overcome any possible defects of an interior.

To aid you in your choice of papers, the Service Committee of the Wallpaper Manufacturers' Association is now offering *Selected Wallpapers*, a handsome portfolio, carefully planned to give the most practical help to home-owners. It includes full-color illustrations of a number of charming interiors, as well as twenty-five actual samples of representative wallpapers.

These papers are widely distributed so that they should be readily obtained through any dealer. The range of price, design and coloring is broad enough to permit an appropriate choice for practically every room in any type of home. In using any design included in this portfolio, you are assured of obtaining a wallpaper that will give you good style and good value for your money.

If you have need of further aid in working out any problem of interior decoration, the Service Department of the Wallpaper Manufacturers' Association will be glad to help you with definite suggestions covering your specific requirements. This service is more fully described in the portfolio, *Selected Wallpapers*. A copy will be sent to you promptly on request.

The YORKTOWNE, shown below is one of the charming designs included in *Selected Wallpapers*.



WALLPAPER
MANUFACTURERS
461 Eighth Ave

158 EH

Wallpaper Manufacturers' Association
461 Eighth Avenue, New York, N.Y.

Send me your Portfolio of Selected Wallpapers for which I enclose 10 cents to cover mailing cost.

Name .....

Address .....

The Airman commands the world's admiration



COURTESY of the [illegible] of adventurous spirit. [illegible] their fearless way across [illegible]. They are the inspiration they symbolize.

In their epoch-making flights, America's airmen have supplied the final endorsement of air-cooling — the advanced principle of cooling proved thoroughly by Franklin Owners. And now in the new Franklin Airman, this principle is presented to the [illegible] motor car designed and built throughout, in the advanced spirit of the [illegible].

Its abundant power [illegible] long-sustained high [illegible] fine cars. Scientific light weight construction and [illegible], [illegible] are handling and [illegible].

And the world's fastest car in a day's run affords [illegible] ever experienced.

You want the car you drive to reflect the foremost advancements in engineering and performance. Join with the leaders of the new age of fast travel — drive an Airman. Franklin dealers are glad to demonstrate for you — and to explain the favorable terms on which Airman ownership may be arranged.

[illegible]



rman Series FRANKLIN



"The extent of true beauty is best discovered by examination." — GREVILLE

A FEW art objects, discreetly placed, add so much to a home! Not the hit-and-miss massing of Victorian days, but the tasteful arrangement of 1928.

And just here it is that Roseville serves so incomparably! Charming Roseville Pottery, created with that touch of genius by men and women who love their craft.

Beauty that grows as you live with it, such is the essence of Roseville Pottery. For instance, the jar and vases pictured here. Adorable they are, in delicate tints, daintily decorated with arrowheads.

These pieces and a diversity of other designs . . . bowls, jars, vases, candlesticks in a wide selection of sizes, shapes and colors . . . can be seen at good stores. For the home or as gifts they have a

THE ROSEVILLE POTTERY CO., *Zanesville, Ohio*

ROSEVILLE POTTERY



This private bar has a ceiling made from a poster of the Fratellini Brothers with a modernist paper in red, blue and silver running down to the shelves

OCCASIONAL ROOMS

(Continued from page 107)

tion of framed flower prints. There is one flower room we know, presided over by an ardent amateur gardener, where there are also magazine shelves on which are kept the back issues of all the well-known gardening publications from England and America.

At first thought the telephone is such a purely utilitarian convenience that one would not think of dressing it up. Well, so is a bathroom—and we've been beautifying it! Whatever the decoration, see that it offers service. In the telephone room sh on page 106 the cabinet has a dr drawer for paper and pencils, a compartment holds the telep books which stand upright.

Since drinking has become a so sonal matter and assumed a secr air, the private bar has sprung existence. Yet we cannot attribute to Prohibition, for in Paris, w Prohibition is considered a contr tion in terms, the private bar has

(Continued on page 148)



In this same bar the shelves are marbleized black and backed by mirrors and the lower walls are covered with sheets of polished brass

the modern simplicity

TOWLE





Your Sterling Pattern must express YOU

Silver pattern!

surroundings but their taste is too lively

expresses you, too.

Every Towle pattern is like somebody!

and personality of individuals.

It is quite possible that you may not

seven other lovely Towle solid silver patterns shown below.

longs to you. Imagine these patterns on the tables of the various brides you know. Don't you feel instantly that certain designs belong to certain girls?

wrought into the precious solid metal with the confident artistry and beautiful craftsmanship one would expect of silversmiths whose craft-traditions go back to

Such silver, when it expresses you, will



(left to right, upper four) Lady M
Lady Constance
(lower three) La Fayette,

shades
by
de Sherbinin



Instantly, the more prominent shops, department stores and decorators are suggesting shades by de Sherbinin.

Behind the suggestion is the fact that the Brothers de Sherbinin have departed from the usual and created important new lit parchment.

Not so long ago these examples of art in parchment were executed only upon commission for a few discriminating New York and Boston patrons. Now, with enlarged studio facilities, the de Sherbinins are adding the use of the better shops everywhere.

By the subtlety de Sherbinin "Translucent Treatment" the Lamplight mellow bringing out the lustrous, mellowed depth of on shades such as the Pleatette and Modernistic Pattern illustrated; bringing out, also, all of the true beauties of the oil paintings, old with which de Sherbinin shades are decorated.

Art lovers and connoisseurs desiring the distinctive, the tasteful and the unusual in parch- you. Remember to look for the name de Sherbinin inside the shade, at the bottom of the frame.

de Sherbinin inc

116 east [illegible] new york city



[illegible] Sale in Pan[illegible] Pomeroy. [illegible] The seats are [illegible] hair cloth

OCCASIONAL ROOM

[illegible] page 1[illegible]

[illegible] Sabine [illegible] for hers arranged [illegible] Charles Pollard [illegible] and other fur[illegible] [illegible] sloping [illegible] [illegible] The [illegible] and [illegible] with [illegible] [illegible] Walls are [illegible] and [illegible] [illegible] [illegible]

The third bay, in a New [illegible] partment, is a lighting [illegible] of glass and polished brass. A [illegible] for ceiling paper and [illegible] this is a modernist design [illegible] white and black. Walls are [illegible] ruled brass. The shelves and [illegible] bored are black marbleized.

STEPS TOWARD A CITY PLA

[illegible] page 142

[illegible] all the [illegible] public buildings, bridges, monuments, memorials or other public property which aspires to harmony and fitness. Too often is the appearance of a city hurt by the lack of relationship of design shown in its important buildings. While each might seem to the architect [illegible] to be eminently suitable, [illegible] in itself, it may be entirely out of harmony with those buildings grouped around or nearby.

This jury should consist of an architect, a landscape architect, an artist and a sculptor, each a person whose opinions are respected by the local citizens. Their work should be carried out in consultation and in conjunction with the work of the City Plan Commission, combining artistic sense with practical experience. The work of this committee is, in almost all cases, entirely without remuneration.

And so we find it is necessary, fi for a community to recognize its n for an organized plan, then to educ its public as to that need and the u of the plan. The property own must be organized and work in h mony through their committee whi in turn, is instrumental in the creat of the City Plan and other comm sions. The educational work, pron tion and arranging of financial iss must be continued by the origi committee, projects must be brought fore the public and the uses of the p interpreted to those who are its finan backers. Given powerful machin and material for the pattern, no can resist the press of advan

NOTE: *[illegible] article [illegible] under a title dealing with the [illegible] and methods of [illegible] Betterment. The next article [illegible] fact it was only [illegible]*

Hubert Sco



imported fabrics of modern design,

gles, zigzags, in prints or subtle weavings

the most famous Lyon [illegible] are come the stunning prints and ngly woven decorative materials d here by F. Schumacher & Co. ent in all these fabrics is the ndency towards geometric figures les, rectangles, circles, squares" are hand printed — in fast t fascinate by their boldness, their ity. Others bear the imprint of of Rodier's creations — materials n design, so subtle in weave that e is a pattern in itself.

macher offers a wide selection of designs and weaves — as well as e reproductions and adaptations past — in fabrics for every decose.

may be seen by arrangement with ecorator, upholsterer, or the decoservice of your department store selected to fit your requirements promptly obtained by them.

ew Booklet — "Fabrics that Assure Successful Decoration"

teresting booklet has just been ed. Written by an expert and

Hand print in orange, scarlet and ue. It comes also in red, aqua and lue or in three shades of green.



ating stripes and circles of varying printed on a faintly lined ground in —in several color combinations.

Hand print with geometric motifs in various color combinations and is suitable for draperies, slip covers and cushions.

F. SCHUMACHER & CO.



New Beauty for Your Home

A STATELY SECRETARY quaintly carved in antiqued woods — a dainty tilt top in mahogany of rare figure — a slender console table with tall mirror — these barely hint at the lovely new Imperial furniture for spring now in the stores.

Let these smart and unusual creations by Imperial craftsmen bring new distinction and charm to your living room. The woods are of extraordinary beauty. You will enjoy seeing them. Each design can be identified by the Imperial crown and green shield.

IMPERIAL FURNITURE COMPANY
"[illegible] Greatest Table Makers"
GRAND RAPIDS, MICHIGAN

A Book of Beautiful Things for Your Home

[illegible] Dept. E for it.



Imperial Furniture

MARBLE COMES FORWARD AG[IN]

(Continued from page 92)

polish. If the marble is especially dirty or badly stained, see suggestions below for the use of a special poultice. Polished marble should be wiped dry after washing and then rubbed vigorously with a soft woolen cloth, cheesecloth, white cotton waste or chamois skin. This prevents streaks which might be left from the dirt in the wash water.

Never use an acid on marble. Neither should soaps, soft soaps, soap powders, scouring brick nor harsh abrasives be employed, as they are often of a caustic nature and they may contain impurities which bring about discoloration. Usually they are not readily rinsable and, therefore, leave a film which will act as a binder for dust and dirt. Harsh abrasives destroy the polish. Not only should you guard the front of the slab from things that will cause injury, but you should also be sure that there are no foreign substances at the back, the stains from which may work to the surface.

CLEANING FLOOR

Floors, stair treads and marble subject to abrasive wear must be mopped or scrubbed regularly. Sprinkle the above suggested cleanser sparingly on the floor and scrub with a little water, or put two or three handfuls directly in the pail and mop in the usual way. Rinse thoroughly with clean water and dry with a mop. Care should be taken to keep metal parts of the mop from injuring baseboards or risers. Don't try to clean marble or anything else with dirty water; change the liquid as often as necessary. Strong soap powders, oil soaps, soft soaps, etc. are injurious as they cause discoloration and the formation of a film which makes the floor slippery and most unsightly.

In sweeping marble floors, white pine sawdust is very satisfactory. Avoid sawdust made from oak or other woods, also prepared sweeping compounds and oiled mops. They are likely to produce stains.

Acid sufficiently diluted and applied with extreme care may do no harm, but it is a dangerous expedient to entrust to the ordinary workman. It may burn the stone so that the result of cleaning is worse than the stainings.

Do not use the sand blast for cleansing marble. It has a tendency to open the pores and remove that crust which forms on all seasoned stones as Nature's own preservative. Use the cleanser according to directions and wash down with a hose.

The use of a steel brush is harmful. Despite washing, minute particles of steel will remain on the stone and inevitably cause rusting.

Stains should be treated at once. To remove a deep-seated stain or discoloration in any sort of stone is no easy task. Systematic applications of the proper stain remover will usually prove successful. Quick action cleaners are too often composed of acids which sacrifice for immediate results the life and finish of the marble. Stains often disappear through the action of sunlight and frost after all other remedies have failed.

"The best method for re[moving] stains and discoloration tha[t] from long neglect," says one [authority] "is with a poultice made f[rom] cleanser (noted above). Add [sufficient] water to it and stir thoroughly [to] form ing a smooth paste. This sh[ould] be thick enough to adhere to the [perpen]dicular face of the marble. Ap[ply] paste with a mason's trowel. T[he] tice should be about one-quar[ter] thick and uniformly applied [so as to] shut off air from the surfa[ce] marble. Let it remain for for[ty-]eight to seventy-two hours, or until th[e] ly dried. Dampen poultice sli[ghtly to] avoid dust and remove with a [wooden] paddle. The paste works bes[t when] freshly mixed and applied . In severe cases several applicatio[ns may] be necessary to secure best resul[ts. This] poultice draws out the stains [and] discoloration and dirt that con[ceal] long neglect, brings about ever[y] ing without harming the poli[sh] in most cases will completely [restore] the marble to its original li[ght] color. This method is especiall[y] ful in cleaning carving or i[n] surfaces that are scrubbed wit[h] culty. A special formula poul[tice] been used with great success [on] stubborn cases.

"Small oil stains, usually [light] yellow color, can be removed [without] difficulty by applying gasol[ine] good quality. High test gasoli[ne] be found more effective than th[e] nary motor gasoline. Saturate [a] waste or white blotting pap[er and] apply to stain. Allow it to [remain] for a day or two if necessary, [repeating] it often with gasoline. Never a[n] blow torch or other intense a[rtificial] heat to the marble. Within lim[its] it helpful, but the degree of heat [is] readily regulated and the ston[e may] easily be burned as a result. Th[e stain] may be removed without it[s] though the process used may b[e much] slower. Keep oil and grease [away] from the marble at all times.

FOR DISCOLORATIONS

"Discolorations from lumber, [wood] floors, excelsior, leaves or an[y] of an organic nature are read[ily] moved with the poultice as des[cribed] above. These stains are usually [brown] or reddish brown in color. For [especially] cially difficult cases we suggest [mixing] up the poultice with cold J[avelle] water. Or Javelle water alone [may be] applied on white blotting paper [repeat]ting repeatedly until the discolo[ration] disappears.

"A poultice of hot lime on [a] finished marble is sometimes s[uccessful] ful in removing stains.

"The most troublesome sta[ins to] eradicate are those produced b[y iron] rust. First, be sure the cause [is] moved. A surface stain on p[olished] work can sometimes be remov[ed by] vigorous rubbing or by slight [polish]ing—re-polishing if necessary [on] sand-finished work, the stain sho[uld be] promptly removed by gritting.

"Stains from bronze are hard [to] move if of long standing. T[he] poultice."

Select it Now FOREVER!

THE FRANCIS FIRST PATTERN in Reed & Barton tableware? Here is formality, if you will, but formality that goes entertaining to a place with the fine arts.

To those who purchase this silverware comes a never-ending sense of pride . . . a pride that is spread over so long a period of time that the matter of price need not be a factor for consideration.

See the Francis First Pattern in both hollow ware and flatware. And note the deeply lustrous beauty that tells of enduring quality and master craftsmanship . . . characteristic of Reed & Barton achievements in tableware for more than one hundred years.

REED & BARTON

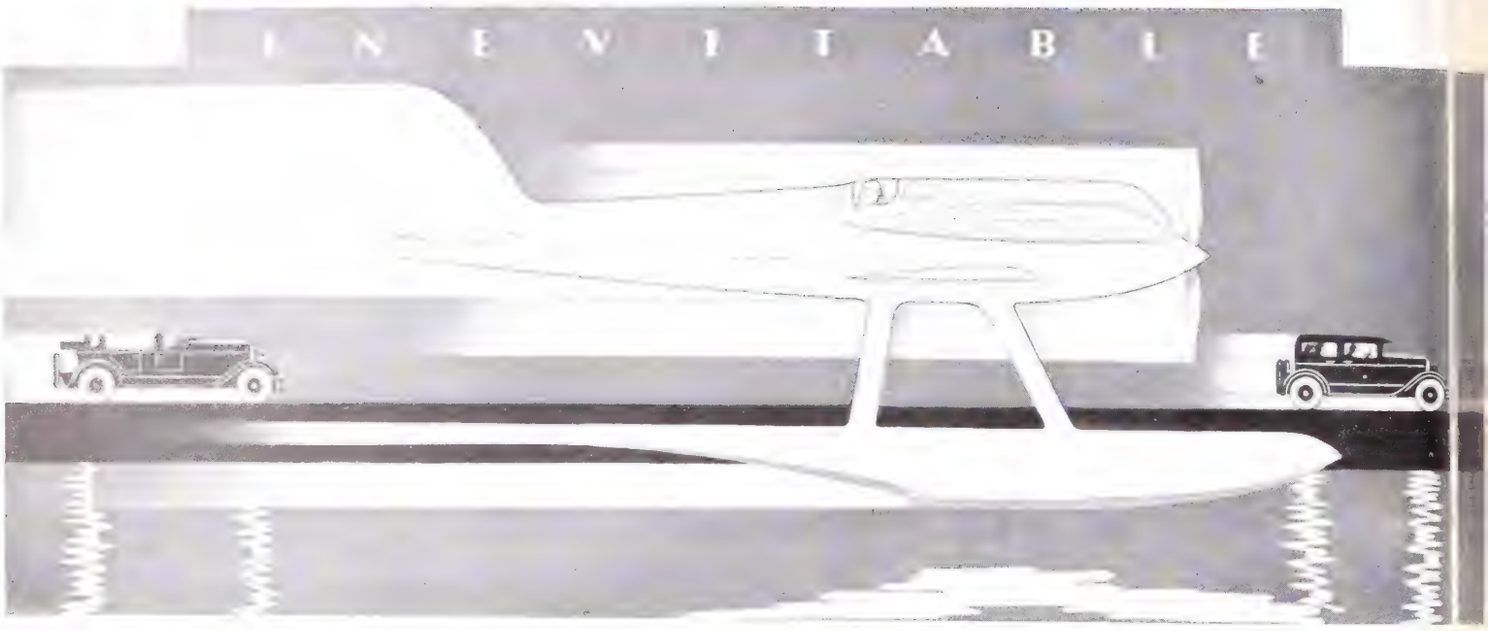
TAUNTON, MASS.



Francis First Tea Spoon, actual size $11.00 a dozen

Francis First Flower Vase $[illegible]

Francis First Candlesticks $[illegible] a pair



Smooth as *Stabilated* Motoring

An open road stretching far ahead. The soft purr of a powerful motor. Just the joy of smooth, effortless, Stabilated Motoring.

By a new method—quite apart from that employed by shock-*absorbers* or checking devices—Watson Stabilators attack the *cause* of rough riding at its *source.*

Instead of allowing tosses and bounces to get started, and then attempting to check or absorb them, Watsons eliminate the cause itself. Because Watsons get rid of excessive forces before they can act, no forces remain that *can* throw you.

Watsons think ahead. No matter how lightning-quick the bumps may come, they're on the ob. The whole basis of Watson operation—elimin ing the *cause* of a throw instead of waiting to *chec* the throw itself—is fundamentally different. It is his big basic difference that explains the ma cal smoothness of a Stabilated ride.

Is it any wonder, then, that many of Amer a's foremost cars come factory-equipped with Wat-sons—and that, more and more, motoring Am ica is finding Watson Stabilators the inevitable ch ce? Your neighborhood Watson dealer will gl dly demonstrate Watsons on your own car. Jhn Warren Watson Company, Philadelphia, Pa.

FOR LARGE CARS

An outstanding number of America's foremost heavy cars come with Watson Stabilators, Type C7. Tests showed these manufacturers that Stabilated Motoring is a necessity: Chrysler . Dodge Senior . Dodge Victory . DuPont . Duesenberg . Franklin . Gardner . Hudson . Meteor . Nash Packard Six . Packard Eight . Peerless . Stearns-Knight . Graham-Paige

COMPLETE FOR ALL HEAVY CARS [illegible] . . IN THE FAR WEST $49

FOR LIGHT CARS

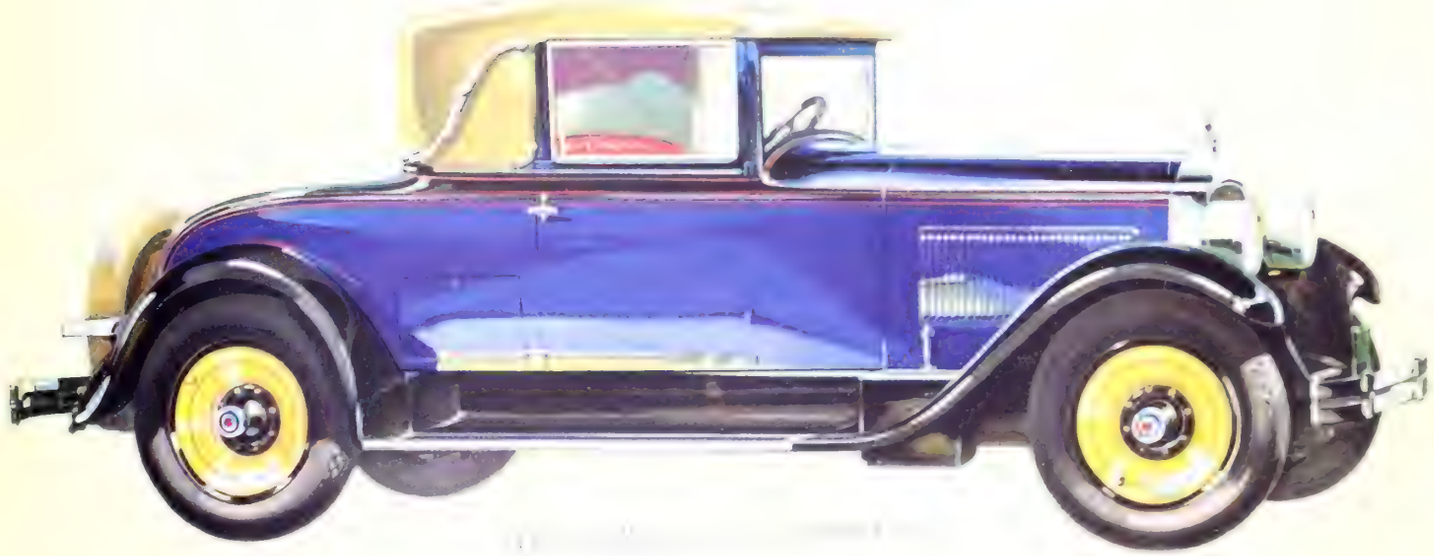
Owners of millions of America's light weight cars can now enjoy th new sensation of Stabilated Motoring. New Watson Stabilators, Type AA, are expressly designed to conquer the riding peculiarities of nall short-wheelbase cars, such as: Chevrolet . Dodge . Oakland . W ppet Chrysler . Nash . Star . Essex . Oldsmobile . Wolverine . I ttac

COMPLETE FOR ALL LIGHT CARS $28 . . IN THE FAR WEST $29









PACKARD body designers deserve the international reputation the beauty of their work has won for them. The graceful and distinctive simplicity of Packard bodies is everywhere admired and frequently copied.

And now Packard designers have created another worthy addition to the line of standard models—the Packard Six 2-passenger convertible coupe.

Here is the very car for combined sport and business use—and [illegible] which so admires the runabout type.

With top up and windows closed the convertible coupe provides a snug, warm enclosed car for winter or wet-weather driving, with more than enough room for two.

With top down and windows lowered into the doors, the car becomes a smart roadster. The fully upholstered folding seat, which fits flush within the rear deck, also provides room for two.

This beautiful two-purpose car priced at but $2425 at the factory is giving new impetus to the Packard Six conquest of the fine car market.

Packard [illegible]

PACKARD



Housekeepers in the Grand Manner

\+ + +

The Hotel Roosevelt in New York

Chose Cannon Towels





If you were going to furnish a fashionable New York (Madison Avenue and 46th Street. You would expect, naturally, to entertain the most prominent folk in the city, and indeed wealthy and important people from all over the world. What an economy of furnishing, decorating, equipping you would have to do in a New York establishment like the Roosevelt. How carefully you would select each item—to make sure it was worthy of your guests and economical to use in your great household. Even the buying of face towels, bath towels and bath mats would obviously be a very important transaction.

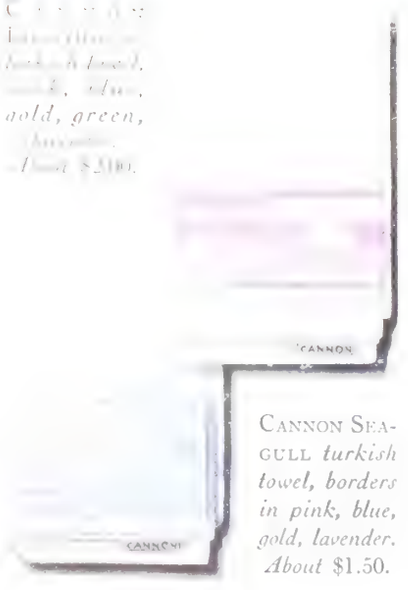
For every use the Hotel Roosevelt chose Cannon towels. From the luxurious bathrooms of the royal suites with their glass-enclosed showers, to the Teddy Bear Cave, the children's playroom, you will find quantities of snowy white, softly absorbent, luxurious Cannon towels. . . . Whether you do light-housekeeping in a studio apartment or have a country estate; whether your household consists of yourself, or of yourself, a husband and children, with a retinue of servants—you are wise to follow the example of the Roosevelt in buying towels. For the same reason Cannon towels are used in most of the famous hotels in this country.

One: They are good-looking. Many decorative new designs in gay colors.*

Two: They are extremely serviceable. Wash well. Wear well. Keep their looks.

Three: They are a real economy. Cannon towels give the most towel value you can get for the money, 25c to $3.50. All kinds of towels. Bath mats, bath sheets and wash cloths. In dry goods and department stores everywhere. Cannon Mills, Inc., 70 Worth St., New York City.

**Colors guaranteed absolutely fast.*



CANNON SEAGULL *turkish towel, borders in pink, blue, gold, lavender. About* $1.50.

This
FLEISHER GUARANTEE
TAG

sweaters, knitted frocks,
ildren's suits, caps, gloves
d other knitted outerwear
ans these things are knitted
Fleisher XXX Yarn—
guaranteed to wear



SHER yarns need no introduction to
done hand knitting. For more than
, these famous yarns have been the
dard of quality, as they are today.

rrangements have now been made
manufacturers who have the
for making garments, that Fleisher has for mak-
yarns, to use Fleisher XXX Yarn
. . . . This means that in your local stores you
buy Fleisher quality yarn in ready-to-wear knit
nents of latest styles and fine workmanship. All
garments will carry the Fleisher Guarantee Tag
illustrated here), and wherever purchased, the
ring quality of the XXX Yarn is guaranteed
ctly to you by S. B. & B. W. Fleisher, Inc.

This Guarantee is

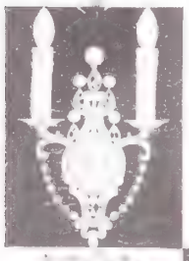
sher XXX Yarn is such a high-grade, wonderful-
ring yarn that it deserves this unprecedented
rantee. Fleisher, who makes the yarn, guarantees
rect to the customer who buys the garment made
he yarn. . . . *If any*
ag should fail to
arn, we will replace

Knit goods can wear no better than the yarn of
ch they are made. This plan offers you a practi-
test for knitted outerwear, a safe, certain way to
it. No more guessing, no more wondering whether
yarn in the garments will give satisfactory service
en you buy things made
know for a fact the yarn will wear.

S. B. & B. W. FLEISHER, Inc.

CRYSTAL FIXTURES





Lend a note of magnificence



Crystals have been gloriously revived and tendered exceptional favour by persons interested in decorative lighting. Their myriads of glinting lights reflect the magnificence of Old and Royal days.

Designers of skill and feeling have assured traditional style, while the crystals, themselves, have been cut by knowing hands of Old World tutoring. The beautiful finishes have unvarying permanence.

Authentic lighting fixtures of every period, fashioned at the Lightolier Studios, are on review here as well as at the leading fixture dealers everywhere. The decorator or architect understands that Lightolier fixtures possess a custom appearance and are attainable in even a modest building appropriation.

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LIGHTOLIER CO.,

[illegible]

[illegible] House & Garden

tive Lighting [illegible]



At Echo Lake the Expedition found growing the pure white-flowered Zygadenus elegans, a bulbous plant of the upper bogs

STALKING AMERICAN ALPINES

(Continued from page 84)

boulders torn away by slides and avalanches from the crowning slopes of the mountain which culminate in a bare crest 7,000 feet above. Along the eastern shore is a peat bog perhaps 100 yards in breadth, then comes stretches of black, rocky hillsides, swept continuously by icy winds. Yet among the boulders, in the bog and on the slopes there are innumerable rugs and mats and carpets made of brilliant Alpine flowers.

It was rough stalking. We tripped and stumbled, waded and clambered, with benumbed fingers and watery eyes. We trampled over acres of the more abundant blossoms that grow on every high mountain, with merely admiring glances, for we were hunting real treasures that we might not find elsewhere. At last we came upon the Alpine Spring Beauty—a fine colony, snuggled among the boulders. Imagine the thrill of thus overtaking Spring in midsummer! Near by, in a secluded nook almost hidden by coarse grasses and mosses, I spied the true Alpine Primrose, only one plant, but its six crimson blossoms seemed to radiate warmth and color in all directions. Then the Director shouted, "Oh say! Here's one of those Saxifrages!" And a moment later another yell announced the finding of the other one. So we had achieved the prime purpose of our long journey and were free to hunt for other rarities, which we did with most gratifying results. For before we left on our return trip we had captured a number of plants of the following *Sedum rhodanthum* with its crowns of deep crimson, pink-tipped blossoms, several tufts of the dark red clover-like *Trifolium parryi* and some fine specimens of a glorious dwarf composite, *Kalbergia grandiflora*, with enormous golden-orange flowers like single Sunflowers but on stems only five or six inches high.

When we reached timber line on our downward way the car was parked

(Continued on page 156)



The Mountain Harebell, Campanula petiolata, was another of the Alpines encountered by House & Garden's Expedition



IT PROTECTS AND BEAUTIFIES

JOHNSON'S LIQUID WAX is the best answer to the problem of preserving the unmarred beauty of your dining table and other fine furniture. Hot dishes and spilled liquids leave no blemish on surfaces protected this sure way. A hard, impenetrable film of lustrous wax, like an invisible glass cover, shields the delicate finish from injury, at the same time heightening its charm.

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Johnson's Polishing Wax shortens your hours of housework in a dozen different ways. Use it on woodwork, and on all your floors—over varnish, shellac, wax or paint—on wood, linoleum, tile, marble, or composition. Then half the care will keep them sparkling and immaculate.

Johnson's Liquid Wax is the easiest and surest way to preserve the lacquered beauty of your car. Also, applied to shoes and leather goods it wards off scars and wear.



Order a bottle of Johnson's Liquid Wax today from your neighborhood grocery, hardware, drug, furniture, paint or department store. Before you've used half-a-bottle you will number it among the essentials of enlightened, easy home-keeping.



Johnson's Polishing Wax—in either paste or liquid form—is a real forward step in the art of home-keeping. It means greater home beauty and economy and decreased hours of housework.

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Racine, Wis.
"The Floor Finishing Authorities"
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PASTE OR LIQUID · BEAUTIFIES · PRESERVES · PROTECTS

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-the Sport Supreme

THE CALL of Chris-Crafting is the joyous, exhilarating call of freedom!

Only those who have answered it know what it means. What glorious sport! And yet, withal, what a practical, everyday sort of diversion to meet the recreational needs of busy people.

A Chris-Craft Runabout is as instantly available as the family car, ready to carry you to interesting places and interesting people at a moment's notice. A touch of the starter and you are ready for anything from an impromptu after-dinner jaunt to the most elaborate sort of fishing or hunting excursion.

Anyone who can drive a car can drive a Chris-Craft. It steers and handles the same. More than half the Chris-Craft sold last year were delivered to individuals who never before operated a power boat.

There are eleven beautiful all-mahogany models to choose from, ranging in length from twenty-two to thirty feet.

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Chris-Craft



THE WORLD'S LARGEST BUILDERS OF ALL-MAHOGANY RUNABOUTS

STALKING AMERICAN ALPIN

(*Continued from page* 154)

for a few minutes while the Official Photographer got a good picture of a stunted Engelmann Spruce. It is difficult to realize that the dwarfed, twisted, prostrate bushes one sees everywhere at this altitude are true blood brothers of the lordly evergreen trees that reach a height of 150 feet or more a few miles below.

We made two more stops before we got back to Echo Lake, one for the purpose of extracting a superb clump of the azure-flowered Alpine Mertensia from a deep pocket among the rocks, and the other to secure an isolated specimen of the exquisite *Polemonium confertum* whose true blue blossoms are twice as large and twice as handsome as those of its near kin, our Eastern Jacob's Ladder.

A GREAT FIND

We put up that night at Echo Lake Lodge and at daybreak the following morning the Director was out exploring the nearby peat bog, from which he returned in triumph, and in time for breakfast, with several flowering stems and a pocketful of bulbs of a snow-white form of *Zygadenus elegans*. Elsewhere this member of the Lily family has blossoms of a greenish hue which, in my opinion, are not particularly attractive. If, however, the white of the Echo Lake variety proves constant under cultivation, it will be a real find for the garden, as a glance at the illustration at the top of page 154 will demonstrate.

The tail-end of our journey home was over a rocky and muddy dirt road which twists and turns for some fifteen strenuous miles through great forests of Colorado Spruce. The Director took to this bumpy byway hoping to find the Spruce trees loaded with new cones that he could harvest later for propagating purposes, but his hunt was in vain—it was an off year for cones. I, however, had the good fortune to locate and dig a lusty clump of the Mountain Harebell with almost pure white flowers, so I felt that I had been able to "put one over" on my fellow explorer.

On several occasions the Director had referred with enthusiasm to a rare species of Lupine having blue flowers blotched with rich purple, that had made its home in a Wyoming roadside gully somewhere on the road to Laramie. So when I suggested one morning that our route for the day be in the direction of that alluring plant, he readily assented. Then, as we rolled along northward from Boulder he told me of a dwarf white-flowered Pentstemon, another unusual plant well worth adding to our repertory, that also flourishes near the roadside just a few miles beyond where the Lupine grows. We kept a sharp look-out for these two gems, discovered both in due course, took photographs and specimens and reached Laramie in time for dinner.

While we were eating I asked if we could not return to Boulder by a different route. "Of course!" was the reply, "Let's go back by the Milner and Fall River Passes." So we headed southward from Laramie that afternoon, over the Walden road through Willow Creek Pass to by, where we spent the night. I the afternoon we located an bulbs of an exquisite lavend ered Calochortus, or Mariposa and collected specimens of a creeping Pentstemon which, wh bloom, is so entirely covered w bright lavender blossoms th foliage is hardly visible.

Early next morning we pu north by Grand Lake, crosse the Continental Divide through the fil ner and Fall River Passes at of 11,000 and 12,000 feet r tively, then dropped through all Rave Canyon to Estes Park through the canyon of the Nor St. Vrain and the lower foothi to our starting point.

We began the ascent to Milne ass about an hour before noon ensuing two hours were perhap most exciting of all my hundre plant-stalking experiences. T sodes were particularly thrill my discovery of the Daffodil one, generally supposed to wild only in the Swiss Alps and Mountains of Europe, and my ing of the pink-flowered form o Alpine Cushion Phlox during bination hailstorm and h which pounded me as with and, before I located my pla prived me two or three times of little breath the altitude and the uous climb up a steep, slippery stony slope had left me. Then were the more pleasurable, but n theless sensational finds for me, unlooked-for number of unfa flowers—a bright pink Erigeron ox-blood red Parry's Primrose red-flowered Anemone, the Marsh Marigold, the deep blue get-me-not (*Eritrichium*), the Gl Buttercup with blossoms that penetrated and were glistening new twenty-dollar gold pieces in surface of unmelted snowdrifts, hosts of tiny Senecios, Golden Asters, Drabas, Saxifrages, Sedums and other dazzling jewels of the mountain-s.

When we were halfway down canyon of the North St. Vrain that afternoon the Director spied rare rock Fern, *Polypodium hesper* and our cup of joy, like our p bags and our cartons, was now fu to overflowing.

THE MESA VERDE

Another wonderful experience ering a whole week of intensive exhilarant exploration was our journey to the Mesa Verde at the treme southwest corner of the S My companion said he wanted t down there because he had never the famous cliff dwellings of the historic Pueblo Indians in that markable National Park. As it tu out, he devoted much more tim the hunting of a practically unkn but perfectly superb species of C dalis on our return trip than he di visiting Cliff Palace, Balcony Ho Sunset House, and all the other cavated wonders of the Mesa Ver

(*Continued on page* 158)



eorge Olsen,

Popular
rchestra Leader,

writes:

nd condition is of para-
nt importance to players of
ern popular music. It re-
es constant high pressure
gy to 'put over' a song hit,
perfect wind is very essen-
That is why I advise all
nembers of my orchestra to
ke Lucky Strikes. We have
d that the full body tobacco
s us a flavor that brings
h pleasure in moments of
xation. Furthermore, our
tant indulgence in Luckies
r taxes our wind nor causes
irritation to our voices."

George Olsen



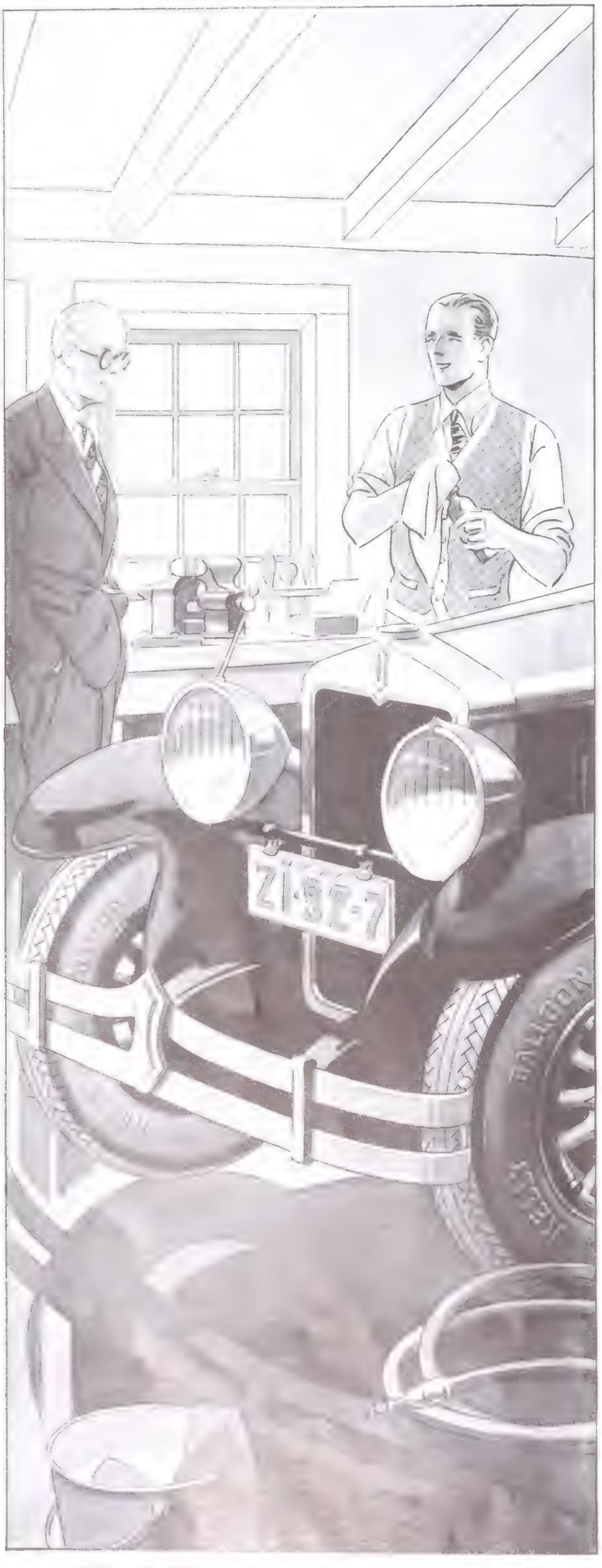
The Cream of the Tobacco Crop

"As a Tobacco Auctioneer, I have noticed that when a particularly choice pile of tobacco is offered for sale that buyers of The American Tobacco Company are always interested, for evidently their instructions are to buy nothing but 'The Cream of the Crop.'"

Tobacco Auctioneer

"It's toasted"

No Throat Irritation—No Cough.



STALKING AMERICAN ALPIN

(Continued from page 156)

Botanically speaking there was something doing every minute on that expedition, but, for obvious reasons, only the notable "finds" can be mentioned here. Unquestionably the most surprising and most beautiful foliage effect we encountered was in the Box Canyon, a local tourist attraction near Ouray, where we gazed with the keenest admiration at a sheer rock wall thirty to forty feet high, that was tapestried for several rods with the Venus-hair Fern. This graceful, feathery fern is own sister to our Eastern Maiden-hair, but has longer and nodding fronds like plumes. It is really semi-tropical by nature and its presence elsewhere than in the sunny South is purely sporadic.

Then, near Durango and again near Pagosa Springs, we saw two vast fields of [illegible] (Coneflowers) *Lep[illegible]*, a striking variety of the golden-yellow species that is so frequent a feature of the scenery. But the most marvelous planting of all, to me, was the [illegible] Hill. [illegible] ribbed foliage freshly green on that [illegible] of our [illegible] Spruce. The [illegible] West Creek Pass and [illegible] acres that was literally blanketed with brilliant masses of deep blue Pentstemons, pink and white Erigerons, and [illegible] the orange *Hieracium hoopesi*, a rather well-known garden perennial that grows wild in southern Colorado.

In the upper reaches of Wolf Creek Pass we collected the tall pure white *Erigeron elatior* with enormous blossoms like those of the Shasta Daisy but without their stiff formality; and later in the day, after descending La Veta Pass, we chanced upon a genuine treasure for the rock garden in the form of a hardy perennial Zinnia! At frequent intervals, on the dry banks bordering the highway, were glowing colonies of this gay little wildflower, every one so covered with the single orange blossoms that the foliage was practically hidden. The plants are only six or seven inches high by about ten inches across and are certain when better known to create a real sensation among American rock gardeners.

TO MEDICINE BOW

Of the four other exploring expeditions we took during my stay in the mountains, the most interesting and thrilling, and the one that was most productive in unknown and desirable plants from a gardening standpoint, was our second raid into southern Wyoming, when we motored forty miles or more west from Laramie into the Alpine meadows and snow-capped crests of the Medicine Bow Range. At Laramie, in accordance with arrangements made by the Director, the personnel of the expedition was increased in number to five. The three new-comers, who are very distinguished gentlemen in the field of botanical research, were Dr. Aven Nelson, Professor of Botany in the Univer[illegible] Wyoming and reviser of Gl[illegible] New Manual of Rocky M[illegible] Botany; Dr. Smith, of the U[illegible] of California, a specialist in t[illegible] of Lupines; and Dr. Moore, P[illegible] of Botany at the University [illegible] kansas.

This journey was made [illegible] August and the specific kind o[illegible] game the Director wanted t[illegible] and capture included seeds [illegible] purple-blotched Lupine and [illegible] charming little Cushion Pink (*[illegible] acaulis*), bulbs of the Alpine [illegible] lily (*Erythronium parviflor[illegible]*) a good supply of plants of th[illegible] white Pentstemon which we f[illegible] our former visit. There was n[illegible] culty in relocating the Lupine [illegible] Pentstemon and we went into [illegible] with a good supply of both s[illegible] plants. Dr. Smith was very m[illegible] terested in the Lupine and said it [illegible] his opinion it was the handso[illegible] all the American species.

We left Laramie bright an[illegible] next morning and reached ou[illegible] nation in the Medicine Bow [illegible] time for luncheon.

TROUTLILY

We found the Troutlily [illegible] everywhere, but most profuse[illegible] the Spruces and Firs of the [illegible] The blossoms had faded but the [illegible] twin leaves were to be seen w[illegible] we walked and we were able t[illegible] good quantity of bulbs. I thi[illegible] particular Troutlily is much th[illegible] somest of the family. The flow[illegible] a delightful shade of clear, [illegible] yellow and come four or fiv[illegible] stem. Moreover, it seems to tak[illegible] kindly to cultivation than th[illegible] fornia and Oregon species.

There is a mountain meac[illegible] magnificent distances not far fr[illegible] cabin, that was lush with the [illegible] variety of sub-alpine plants o[illegible] conceivable hue and color it h[illegible] been my privilege to behold. T[illegible] rector and myself put in a bu[illegible] among them with our paper b[illegible] diggers, and I have visions of e[illegible] scores of them in glorious blo[illegible] my garden this coming summ[illegible] would both have enjoyed stayin[illegible] there until sundown, but as we [illegible] make a side trip to a n[illegible] mountain-top far above the [illegible] line, before returning to Lara[illegible] were compelled to leave just [illegible] hunting began to get exciting. [illegible] the mountain, however, we we[illegible] pensated by finding the crest c[illegible] as with a carpet, by the Cushio[illegible] and the seed pods were just o[illegible] It was bitter cold and th[illegible] snow-banks and drifts in nearly [illegible] ravines and hollows up there. [illegible] had no great difficulty in co[illegible] two of our large paper bags [illegible] the seeds from this worthy flo[illegible]

Our remaining three explor[illegible] peditions were to localities bel[illegible] ber line that I had visited du[illegible] summer of 1926, so I had a [illegible] speaking acquaintance with t[illegible] and was enabled to get toge[illegible] attractive array of beautiful [illegible] for trial in my garden.



ew help *for an* d, old problem

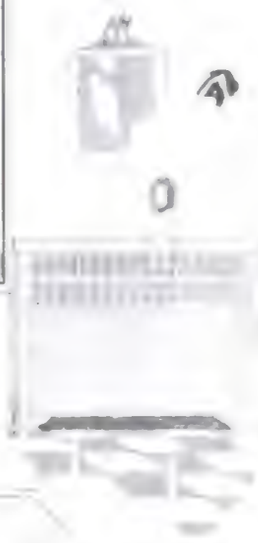
problem of cleaning [illegible] of how to [illegible] Dirt, as he comes stealing om behind uncovered radiators! r-darkening wall areas, dimmed s of grime beyond hope of clean- been the despair of women since first took their place in the cle.

t and most economical way to cheat ible enemy is to cover each awk-

ward, unwieldy radiator with one

Enclosures or Shields. In a twinkling, the ugly painted radiator is gone. In its place stands a beautiful piece of room furniture, finished in soft harmonizing tones of Walnut, Mahogany or Old Ivory. And, as the radiator disappears, so vanishes the old, old problem of keeping walls and draperies forever free of radiator smudge.





The heated air which formerly swept upward against the wall no longer comes in contact with it. A humidifying pan under the lid of each Mullins Enclosure and Shield, returns to the atmosphere the moisture so necessary to prevent unpleasant dryness in the delicate tissues of nose and throat. The movement of air caused by the Enclosures maintains the radiators at their full efficiency.

Mullins Enclosures are made of substantial Grade A Furniture Steel and are beautiful examples of expert [illegible]. The de-

[illegible] the natural [illegible] [illegible] matter



Mullins Radiator Enclosures and Shields are available through department stores and other dealers. They are made in many standard sizes, and most radiators can be covered without delay. Once done, it is done forever, and your walls and draperies have permanent protection.

Prices of Mullins Enclosures and Shields are surprisingly reasonable. Visit your local store or dealer and see how beautiful they are. Or, write direct to Mullins for further information. It's yours for the asking. Mullins Mfg. Corp., Home Furnishings Division, Salem, Ohio

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MULLINS

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In Mrs. Charles Cary Rumsey's French Château

this Spring and Mattress "provide Luxurious Res





The "Blue Room" in Mrs. Rumsey's French Château

Mrs. Charles Cary Rumsey

Mrs. Rumsey is Miss Mary [illegible], daughter of the famous [illegible] the late L. H. Harriman. She is an enthusiastic horsewoman and has a large farm in Virginia where she breeds horses. Her collections of furniture and sculpture is considered unusually fine. Her fondness for French architecture is revealed in the splendid château just built for her on Long Island, and filled with beautiful French furniture.

"I AM very fond of French design and [illegible] tecture," Mrs. Charles Cary Rumsey [illegible] says. "So my country house is in the style of [illegible] French château."

Within, the château is fastidiously Fre[illegible] the perfection of its appointments. The Sim[illegible] beds are modern, in the French manner.

"I am a firm believer in providing the [illegible] comfort for guests," Mrs. Rumsey says. [illegible] extremely proud of the Simmons Beau[illegible] Mattresses and Ace Springs on these bed[illegible]

This luxurious mattress and buoyant [illegible] are by Simmons, world's greatest mak[illegible] beds, springs, mattresses.

The Simmons Ace Spring is of modern [illegible] type, light and easy to keep clean—deligh[illegible] practical with or without the detachable [illegible] The Simmons Beautyrest Mattress is [illegible] famous for luxurious ease.

Together this splendid spring and ma[illegible] are an incomparable investment in well-be[illegible] fundamentals of enduring comfort.

Simmons Springs, $7 to $60. Simmons Beautyrest M[illegible] $39.50, Rocky Mountain Region and West, $41.50. [illegible] Label, $65 to $100. Simmons Beds, $10 to $60. [illegible] the name "Simmons." The Simmons Company, Nev[illegible] Chicago, Atlanta, San Francisco.



The Simmons Ace Spring

is an outstanding achievement in a modern coil spring. Buoyant, enduring, light and [illegible] ideal with the Simmons Beautyrest Mattress. Use with or without the smartly tailored slip cover that makes it look like a box spring.



The Simmons Beautyrest Mattres[illegible]

Note the sensitive, resilient coils which fo[illegible] the inner construction of this superb m[illegible] tress. Surpassing comfort they give, [illegible] trim good looks—for, extending to the v[illegible] mattress edge, they hold the smart bo[illegible] sides upright so long as it endures.

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Patented
WILLYS-KNIGHT ENGIN
brought within reach
of added thousands

THE beautiful, new, Willys-Knight Standard Six, from the moment of its introduction at the National Automobile Show, has won an enthusiastic reception that literally blankets the nation.

The superiority of the *patented* Willys-Knight sleeve-valve engine has long been accepted. Naturally, it costs more to build this advanced motor. It is only today, after fourteen years of experiment and progress, that we have reached our goal of incorporating this superior engine in a low-priced Six maintaining all of Willys-Knight's quality supremacy.

The Standard Six inherits the qualities which have won world-wide prestige for Willys-Knight. The new car is distinguished by typical Willys-Knight brilliance, sturdiness, economy, simplicity, quick starting and ease of control.

High compression with any gas

The simplicity of the *patented* Willys-Knight engine is responsible for its remarkable efficiency. Two metal sleeves in each cylinder move smoothly, silently up and down, one within the other, in a protective film of oil. There is no complicated valve mechanism with springs, tappets and cams. As a result, the Willys-Knight engine gives *high uniform compression* at all times, at all speeds—*and with any gas.*

Two other advanced Sixes

Willys-Knight Special Six—improved, finer; now with added refinements and beautiful new color options. Willys-Knight Great Six—one of America's most luxurious cars. Now, a larger, more powerful engine insures even higher speed, flashier pick-up.

Willys-Knight Sixes range in price from $1145 to $2695, in the Standard Six, Special Six and Great Six divisions. Prices f. o. b. factory and specifications subject to change without notice.

The Perfected Whippet—$535

Rounding out the great Willys-Overland line, the 1928 Whippet still leads the light car field — in performance records, in features of mechanical and engineering superiority—many of which were first brought to the light car field by Whippet—and in proved merit in the hands of its owners. Now, at new low prices of $455 to $585, Whippet is more than ever the leader in light car value. Willys-Overland, Inc., Toledo, O. Willys-Overland Sales Co., Ltd., Toronto, Canada.

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RUSTLESS SCREENS
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METAL WEATHER STRIP

A hint of Spring is in the ... Soon ... stiffy over-heated rooms and ... doors to the welcome replays.

BUT—to be assured of ... pests and the diseases they are known to carry it is essential to have perfectly fitted Screens, with the closely woven Burrowes Rustless ... which requires renewing or painting. With reasonable care Burrowes Rustless Screens ...

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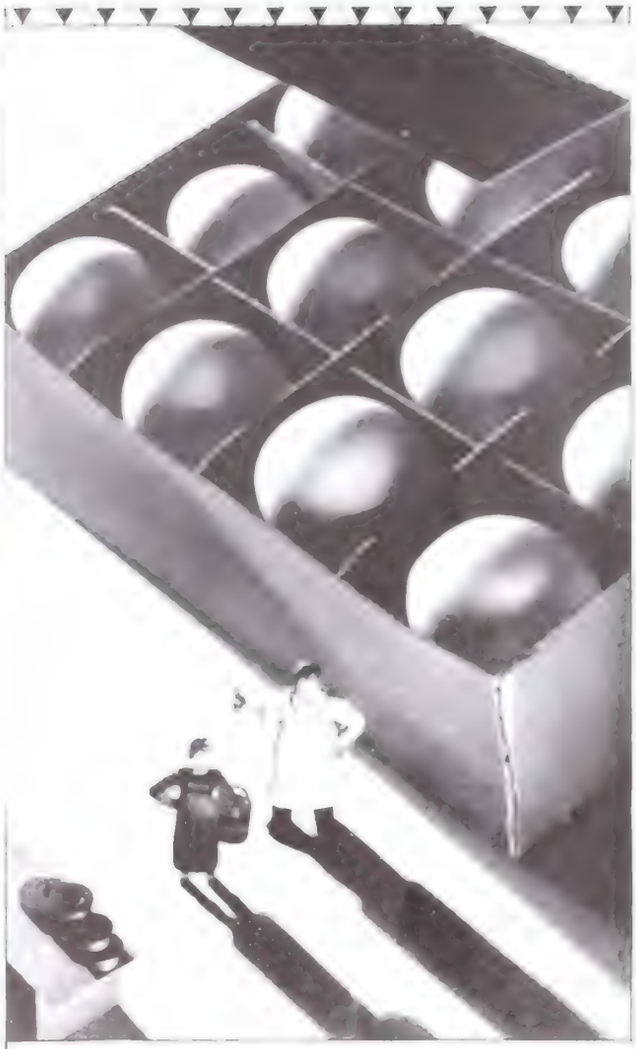
... Angle ...

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... complete protection ... installed by a trained ... effects are practically ... much reduced.

... Estimates furnished ... moderate cost, consistent ... quality and Service. Write ...

THE E. T. BURROWES COMPANY
... Free Street ... Established ...



"...71, 72, 73, 74, 75...there you are lady, 75 dozen eggs"

Gibson
REFRICERATOR



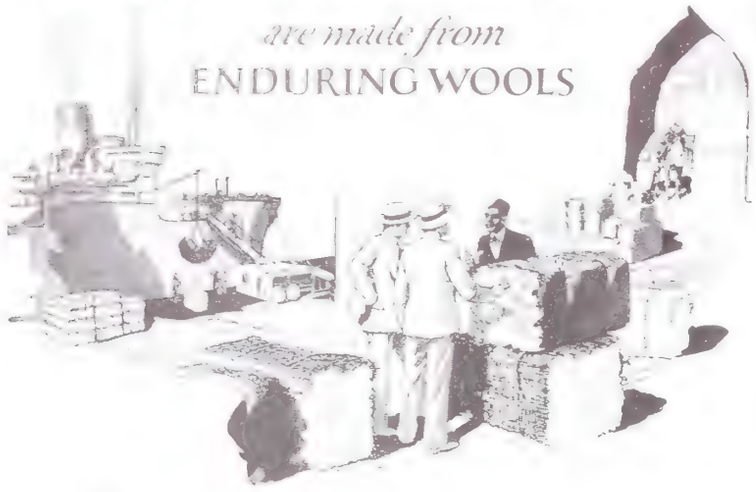
W... ...erator . . . isn't it time to get ... is the insulation that manufacturers of electrical refrigeration units approve.

... when closed—air-tight! In the all-porcelain Gibson, these doors are made on solid aluminum frames ... less porcelain lining with rounded ... compartments clean and sanitary. ...num. The patented, flat-style, non-rusting metal shelves permit dishes to slide across them without tip- ...

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These fine wools are inspected and selected by our own trusted buyers in the foreign markets.

On arrival at the Whittall Mills, these wools are so expertly graded and blended that the yarns are both soft and resilient, strong but pliable, lustrous yet durable.

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After these blended wools are cleansed, dried, carded, drawn and combed, they are ready for spinning into triple-stranded yarn.

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Considering the care and skill employed even in the initial steps of its production, is it any wonder that the Whittall Anglo-Persian ranks high among the world's finest machine-woven rugs?

M. J. Whittall Associates, Ltd.

WHITTALLS







In Essex, the John Wheatcroft was [illegible] The lovely young lady in the dress of the Empire

[illegible] was cut by the German [illegible] the portrait of William Lapp at the tender age of seven

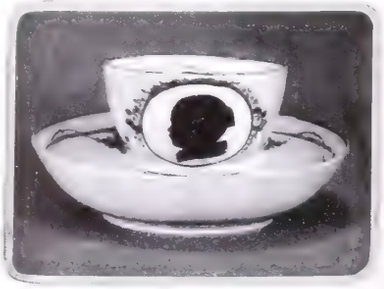
CHILDREN'S SILHOUETT

(Continued from page 108)

[illegible] their scissors and fortunes would smile on the silhouettists. Many of them on their trade labels used Bath as their address, though many, among whom was Watkins, traveled from town to town during Bath's slack season, searching for sitters. Watkins painted well and this tiny girl in her clear blue frock with nodding blue feathers bonnet, is both piquant and a from the usual black of these portraits.

Meriton Nelson, aged eigh painted by "Gregory, Mi Painter, Burlington Arcade." done in black, unrelieved save f th

(Continued on page 11



Silhouette were even used on porcelain in the 18th and early 19th Centuries



pan Tang

Fruit Appetizer

ermouth

NICE[illegible]











TIGER

Cheese

Poland Water





SMART DRAPERY FIXTURES... reasonable in price

To have window drapings that are truly smart these days, one must use decorative metal fixtures. And to be smartest of all they should be Judd Fixtures.

In Judd Fixtures all purses may be suited. There is the expensive "Hi-lite" line, rightly high in price, because of its elaboration and exquisite workmanship. There is a wide choice in the medium price range—and there are the smart but inexpensive Decorated Bluebird Curtain Rods. These are the ones in the illustration. They give an air of real elegance to the simplest window, yet their price puts them within the reach of all.

two interesting free

eight Suggestions for

Decorated Bluebird Curtain Rod

included) We

bers Street, New York

JUDD *Drapery Fixtures*



Mrs. [illegible] Peter A. W. Gilbert Estate
Collection, Mrs. [illegible], Kent, Conn.
Miniature painted by an unknown artist
[illegible]

CHILDREN'S SILHOUETTES

(Continued from page [illegible])

[illegible] stiff. A most characteristic

[illegible] group of five in full-length figures in pressed brass frames, [illegible] the work of an unknown artist of unnamed children. They are well painted on glass, a method employed by several profilists of note, Jerome, Hudson and Rosenberg.

How full of life and joy are the pair, evidently a brother and sister taken while out for a run with their hoops! Their quaint clothes look very elaborate and uncomfortable for such [illegible]. They are painted on card in black and gray, with hair and shoes touched in gold. The signature on the back of each is G. Melo. Who was he, when did he live, how long did he work?

Many profilists plied their trade over a number of years at this popular watering place. For many years, even after it ceased to be a really fashionable resort, one could always feel sure of being able to have one's "picture [illegible] at Brighton. In the [illegible] of collecting English [illegible] the Brighton source is constantly countered.

Jack Dempsey is one of [illegible] whose work is strongly characteristic and easily recognized, even [illegible] as it usually was with J. D. He was fond of the color and used a bewitching shade nearly approaching what is called French or Nattier blue, in [illegible] his sitters. One imagines from his advertisements and the various examples of his work found, as enthusiastic, emphatic, a "rough diamond," an indefatigable worker and very modern for his [illegible]. See his card—"Likenesses in shade Bronzed or Colored 2s.6d." Of it is Dempsey's." Isn't that last [illegible] 20th Century American? Doesn't one frequently see it on advertisements in this country? And Dempsey was using it in England in 1840. Then he [illegible] "Emigrants, Travellers, and the P[illegible]

(Continued on page 160)



Marcus Nelson, aged eight, was painted by Gregory, Miniature Painter of the Burlington Arcade, London. From the collection of the Rev. Glenn Tilley Morse

ut of ENDURING ROCK



e these Permanently Sanitary AUNDRY TRAYS

S truly, in effect, as the chisel of a sculptor [illegible] whole out of a block. ... ERENE LAUNDRY TRAYS are hewn d stone, with all that means of nanence and absolute sanitation. or it is fabricated of slabs of a quartz [illegible] nique properties, not [illegible] to make it especially fit for this use.

lberene Stone is non-absorbent, durable and ervious to even the strongest alkali. It has same dense, close-grained composition clear ugh; its surface can never crack or craze to ose inferior material beneath. With ordinary it will always retain its [illegible]

hese characteristics, which have made crene *the almost universal choice* [illegible] *ry equipment*, are of equal value in the home ndry. Furthermore the pleasing light gray he natural stone harmonizes with walls of color.

lberene Stone Trays are not only reasonable in cost; considering their durability and posi- sanitation, they are the most economical trays. *Every tub* [illegible]

lberene Stone Laundry Trays are stocked by ding plumbing supply dealers; and sold and talled by plumbers.

Alberene the [illegible] the interesting [illegible]

ALBERE[illegible]



BERENE

[illegible] shinest straw-cloth

in pure white [illegible] delicate tints





[illegible] TO KNOW the real charm that a bathroom may have [illegible] should equip your Bathroom with "Easy-Set" fixtures in colors. They are most beautiful, practical bathroom [illegible] and their soft colorings allow combinations [illegible] effective. They [illegible] to install.

Leading architects advise their clients to install "Easy-Set" fixtures when remodeling their old homes, or when building new ones.

"Easy-Set" fixtures are the only china fixtures that can be quickly removed from the wall and cleansed when desired. Yet in actual use they fit as snugly as though they were part of the tile. See these fixtures at your dealer's, or write to J. H. Balmer Co., 259-267 Plane Street, Newark, New Jersey.

J. H. Balmer Co., 259-267 Plane St.
Newark, N. J.

[illegible]

Street [illegible]

EASY-SET

CHINAWYTE BATHROOM FIXTURES

In White, Azure, Pool Green, Ebony, Orchid, Fawn



Judge *value* by these things

simplicity • economy • quietness • roominess

The General Electric refrigerator is so simple that it hasn't a single exposed moving part. It hasn't a belt or a fan or a drain pipe. It has no connections or stuffing boxes. It never needs oiling because the hermetically sealed casing which holds *all* the mechanism also holds a permanent supply of oil.

A specially designed motor of low horse-power, but high efficiency, uses very little current. Then, too, the top-unit design allows all the heat generated to rise above the box—not through it.

Standards of quietness vary so widely that we can only invite you to listen to the refrigerators yourself to find how quietly they operate.

The remarkable compactness of the chilling chamber gives each model the greatest shelf area for food.

Fifteen years of research in the General Electric laboratories has resulted in this revolutionary design.

More than fifty thousand homes already enjoy General Electric Refrigerators. The fact that they are the product of General Electric research is your *greatest* guarantee of value.

There is a wide range of models and prices. All are shown in a completely descriptive booklet N-3 which will be sent you if you merely drop us a card.

GENERAL ELECTRIC
Refrigerator

CHILDREN'S SILHOUETT

(Continued from page 141)

[illegible] momentoes" (his profiles). Could anything be more modern and in the style of these days? He was the last of the silhouettists of note, but in his time was an artist worthy to be ranked with some of his predecessors of the golden age of this minor art. An [illegible] 108. It is cut from brown paper and [illegible] lightful blue. The little boy and his [illegible] children with their pets.

[illegible] making declined in England, so that in [illegible] children was wondering at the stick- [illegible] at seven and sixpence." Little he dreamed of the prices these same portraits would bring just a few decades later both in their native England and [illegible] lars and then multiplied. But what- [illegible] light on the days that are gone which [illegible] any nation.

Long before the days of Thackeray, the names written on two portraits show that one little English girl crossed the Channel to France and there in Paris went with her father one day to the Street of the Good Children to have her picture made by Edmé Quenedey, a well known French artist of the time. His atelier was at No. 45 Rue des Bons Enfants just off the Palais Royal. Who were the good children who gave the street its pretty name? Surely not the few childish sitters of whom the artist Quenedey has left records. For his portraits he used a physionotrace machine, invented in 1786 by an engraver named Chretien to trace the outlines of profile portraits. After reducing the outline the profile was engraved either in solid black or with elaborate details on a copper plate from which any desired number of copies could be struck.

[illegible]

A type of silhouette to which France has given the word "églomisé" to describe them, is a portrait or other decorative work applied on glass. The art had been practiced for many years, but during the 18th Century the process was perfected by an artisan named de Glomi, whose name transformed into "églomisé" has since been applied to this genus of glass picture. The portrait is generally painted in black on the glass and backed by gold or silver leaf. One of the examples on page 162 portrays a fine-looking French family: the parents, two boys and a little girl. The group is surrounded by a delicate border of a contrasting gold design [illegible] black background. Unhappily there is no trace of the artist n[illegible] the family's name.

The charming little girl in [illegible] dress of the First Empire was [illegible] across the border in Switzerland [illegible] is painted on glass in black, shad[illegible] white, set off by a painted white l[illegible] ground. The oval is of gold and l[illegible] and outside this the background [illegible] vivid blue, which gives a quaint t[illegible] to the appealing little figure [illegible] of this [illegible] child. Did she grow up to b[illegible] hearts? Who can tell.

This style of portraiture was ado[illegible] by the engravers of the 18th Cen[illegible] and black profiles were used to [illegible] trate biographies and histories.

[illegible]

The royal portrait of Prinz [illegible] helm Frederik by an unknown [illegible] [illegible], [illegible] G[illegible] the future sovereign Wilhelm I, [illegible] of the Netherlands, 1815-1840. [illegible] though just a little boy, he is an [illegible] copy as to uniform and hair dre[illegible] of grown-up members of his fa[illegible] depicted on the [illegible] include his great-uncle, Frederic[illegible] Great of Prussia, his father, an[illegible] uncle.

The portrait of Wilhelm I[illegible] seven years old, is a fine examp[illegible] églomisé work. The block prof[illegible] is [illegible] with silver with a [illegible] ting. The oval with the mono[illegible] W L is of gold. It is of German [illegible] and was found in Düsseldorf, w[illegible] strangely enough the boy riding [illegible] his father was made, although it [illegible] purchased in London. About [illegible] Wilhelm Müller, a journeyman [illegible] maker, living in Düsseldorf, cut [illegible] scenes with scissors. His patrons [illegible] order any subject they desired, [illegible] more intricate, the better it pl[illegible] him. There is no telling [illegible] originals of this picture [illegible] there is no doubt any boy would [illegible] joy a canter on such a [illegible] company with the grown-up [illegible] and the dog.

The last type of the silhouette [illegible] depicted is that of the porcelain m[illegible]. At the end of the 18th and the b[illegible] ning of the 19th Century many o[illegible] best known factories made indivi[illegible] pieces with portraits of the reig[illegible] families. These latter were made [illegible] presentation.

One imagines the little girl or[illegible] portrayed cup at the bottom of [illegible] 162. was for her mother. It is of [illegible] porcelain from a factory which f[illegible] ished in Gera, Saxony, about 178[illegible] the saucer are the initials C. P. W[illegible] made of rose garlands, probably [illegible] little girl's name, but there i[illegible] information about her.

Elusive shadows of childhoo[illegible] long ago, preserved for us by a [illegible] charming and varied art practice[illegible] many lands, how attractive they[illegible] and how they remind us of the [illegible] happy, lovely children we see ar[illegible] us today!

NOTE: *A previous article, de[illegible] American Children's Silhouette[illegible] Miss Martin, appeared in the D[illegible] ber 1927 issue.*

W WAY



he Automatic FIREMAN

.....always on Guard!

ASHIONED methods of fire control [illegible] to guard against small fires [illegible]

his modern marvel of [illegible] a *fireman* constantly on guard [illegible] lives of your loved ones. Day and night . . . hour after hour . . . r year . . . Shur-Stop [illegible] . Then . . . *automatically* [illegible] the fire is out!

ple that women and children have used Shur-Stop in emergencies eafter put aside their fear of fire. So dependable it will protect them *cally* even though they do nothing to protect themselves.

ng to fail in a crisis . . . no mechanical parts to get out of order. cally sealed . . . cannot evaporate or corrode . . . as good twenty m now as the day you buy it . . . [illegible]

PERPETUAL REPLACEMENT [illegible]

HUR-STOP used to fight fire will be replaced free of charge. There are *no service charges* . . . the first cost is the last!

are already tens of thousands of Shur-Stop installations throughout ed States and foreign countries. Already hundreds of Shur-Stop homes and other structures have been saved . . . millions of dollars revented. Let the enthusiastic endorsements of Fire Chiefs and Fire s in all sections of the country guide you to real *fire-safety*.



each, *automatic* P protection is some- no thinking man can gnore. You wouldn't y expose your loved e horrors of fire . . . e today for the as- but true story "The dred Fires". Use the low.

Only once in a lifetime does an opportunity like this one for Service and Profit present itself. Write or wire today for full details.

Shur-Stop

"The *Automatic* [illegible]

PRO[illegible]

RNATIONAL FIRE [illegible]
NEW BRIGHTON [illegible]

COUPON

out obligation, please send [illegible]
uard my home and family [illegible]

City



The folks who live in Edgwood homes save 10 to 47% on fuel

THESE [illegible]

Columbia, are pre-eminent in quality—they cannot be made better. The [illegible] not warp, cup or curl. They cost less laid than ordinary shingles, and measured by years of service, this difference in cost is startling. Edgwoods combine the five essentials of good building—appearance, durability, [illegible]

Architecturally, there is no more beautiful exterior building material than Edgwood red cedar shingles . . . . the thick butts create luminous highlights and deep shadows, soft penciled lines and texture that absorbs and holds color. All these things, so desirable in a home or community building, are yours when you build with Edgwood red cedar shingles.

Ask your architect, your contractor, or your lumber dealer about Edgwood red cedar shingles . . . . . they will tell you why edge-grain shingles are better, and Edgwoods in particular. Fill in coupon now, whether you intend building immediately, or not.

[illegible]

[illegible]

EDGWOOD SHINGLES

Cut edge grain—will not warp, cup or curl

[illegible] MILLS OF BRITISH COLUMBIA



Where a ROBRAS 20-20 Is Used—No Radiator Is In Sight

Imagine how disfiguring would be an old fashioned radiator in this beautiful living-room. Two inconspicuous cane work grills here alone betray the source of the beautiful warmth. It comes through them, from a Robras 20-20 radiator hidden in the wall. Wherever appearance is important, these radiators are rapidly taking the place of the antiquated, in the way, cast iron radiators.

These Robras 20-20 radiators can be set up in a standard studding. That is, in the space between the inner and outer walls. They are then, in the walls, usually under a window and entirely out of the way.

Because they are made of brass, they never need painting or other upkeep. Freezing can't harm them. They can be used with hot water, steam or vapor systems.

They are 20% the size and 20% the weight of an equally rated cast iron radiator. Your name sent us on the coupon below will assure your receiving a booklet telling you interesting things about this modern Radiator.

H.&G. 5-28



The component parts of an Iris flower are shown in this drawing. A knowledge of them is important to the plant breeder

HOW TO RAISE YOUR OWN IRIS

(Continued from page 87)

and height. One of the best yellows which we have at present is Shekinah, from Mrs. Sturtevant. It grows about three feet high and is of a very soft shade of yellow with an orange beard. Many yellows have been produced: Yellow Moon, an amber yellow from Mrs. Sturtevant; Dawn, an improved Dave-sons, from Yeld; Moonlight, a beautiful new one from Dykes, Virginia Moore, from Shull, the old variety Dave-son; Aurea; and Mrs. Neubrunner, which is quite dwarf and a deeper yellow. And the breeders are still looking perfection.

The whites have engaged the attention of other breeders. We have some beautiful whites at the present time. White Knight is very lovely, and there are White Queen and Taj Mahal, with no darker markings. The old Mrs. H. Darwin is still a favorite, with purple reticulations on the haft. It is low growing but very free flowering.

Some breeders are striving to produce the finest Plicata, a pure pink; yellow on a white ground; red on a yellow ground, and so on *ad infinitum*. The field is large, the possibilities are almost endless.

If one goes about the crossing with a thoroughly scientific system, the stamen will be removed from the flower to prevent any self-fertilization and a piece of paper or a paper bag tied about the flower to shut out the insects which might bring pollen with them. It has been thought advisable to cut away the falls from the opening flower and so reach the stamens before the petals have unfolded. Of course, that anticipates any possible ripening of the anther, but personally I have not yet reached that absolutely scientific stage when I can mutilate the flower to such an extent. So in the little hand fertilization that I have done I cut the anther off just after the flower has opened.

About the middle of the morning on a sunny day is the best time to go to work. We begin by cutting off the anthers from the flower which we wish to make the pistilate parent. A little later in the morning, when the is fully expanded, the stigma lip be seen to be folded down. Cu ripened anther from the flower w you wish to use as pollen parent rub it on to the lip just where joins the crest of the style branch. can easily see whether or not you deposited the pollen. Some plants good pistilate parents, some staminate parents, and some w equally good in both relations. O will refuse to set seed from any len, still others have pollen which i active, and some are absolutely st

My first experiment was with Majesty, which has the reputatio being a good pistilate parent, also with *Pallida Dalmatica*. I that neither Asia, with all its bea nor any other high priced hybrid skillful hands will ever brin thrill that came when, inside the seeding bags, I saw the swe seed pods. There was satisfaction following spring, too, when the spears broke through the ground better still when two years later wonderful things, my own cr bloomed for me.

The bees now do a lot of crossi for me which they did not do in y gone by, and sometimes the results very lovely. The seeds should planted as soon as ripe or very e that same fall, and in a protected l tion which will not be interfered for some years, for Iris seed ha very unequal germinating habit, some seeds take as long as four y to push through the earth. The s seem to need the effect of the f and if a winter covering is use should be put on after the ground been frozen.

In the early spring the little s lings will be seen coming up like sp of grass, and when these have atta three leaves they should be tr planted carefully into another spe ly prepared place. Some of t plants may bloom the follo spring, but most will not bloom a year later, and some will an even longer period of time.



Moritz . . . with its beauty of brilliant colors against the whiteness of the snow . . . with its happy
er sports . . . St. Moritz . . . cosmopolitan . . . fashionable. Each season brings Lady Phyllis Wynslow
ngland* to this fairyland. The story of her beauty travels ever before her . . . indeed, her complexion,
e have said, rivals the petals of a rose. For a century and a half the ladies of Lady Phyllis'
ly (and in Paris too where it is known as "le savon des elegantes") have entrusted their fair complexions
ne absolute purity of one fine mellow soap. Yardley's Old English Lavender. For this long time it has
giving to their skins a delicate smoothness, and a lingering fragrance famous all over the world.
ne other Yardley products, too, Lady Phyllis has found this fresh, lovable fragrance. England's best, obtain-
anywhere in America. "The Luxury Soap of the World," box of three cakes $1, or 35c the cake; Lavender
ume, $1; Face Powder, $1; Compact, $1.25; Talc, 50c; Sachet Tablets, 25c; Shampoo, 15c the cartridge;
Salts, $1; Bath Dusting Powder, $1.50. Yardley, 8 New Bond Street, London; 15-19 Madison Square North,
York; also Toronto and Paris. *Out of deference to our clientele we have refrained from using actual names.*

rdley's Old English Lavender Soap





These draperies tell an amazing story !!

Why are these fabrics replacing fine silks, damasks and imported linens in America's exclusive homes?

A few short years ago, no one dreamed that a unique fabric presenting a unique yarn would be sought from coast to coast as the most popular, as well as the most beautiful, material for the interior decoration of the home.

The *Lesher Studios* have given Mohair its remarkable impetus by creating colors and designs that rival the beauty of nature itself. Today, *Lesher Angora Mohairs* in their soft, silky, lustrous glory are made in motifs exquisitely modern—and motifs that bring back the splendor of old-world pageants. So varied are their weights, weaves and patterns, that one may choose ideal harmonies for draperies, upholstery, wall hangings, *bedspreads*, casements and glass curtains.

For years, great hotels, de luxe steamships and famous institutions have chosen them for their practical advantages: Their sturdiness and long life, their natural quality of drape, their facility for shedding dust and dirt, their sun-fastness, the ease with which they wash.

But today, it is their amazing *beauty* that endears them to decorators and to women who love charm in their surroundings.

Department stores and interior decorators in every part of the country can show you Lesher Angora Mohair Draperies; if you have the least difficulty in obtaining them, we are ready to help you.

Write for our beautiful booklet, written by an experienced Decorator, giving you in intimate detail, valuable information in the art of decorating the home —and highly interesting facts about Lesher Mohairs. It comes to you entirely free, *upon request.*

Lesher, Whitman & Co., Inc.

Eight Eighty-one Broadway, New York City

Lesher Mohairs are a Goodall Product, made by the Goodall Worsted Co. of Sanford, Maine. Their pledge of satisfaction is backed by years of splendid service.

Brass Hardware in *Correct Designs*

CLASSICAL AMERICAN DOORWAYS

classical tradition in wood. The
eness of its detail, its dainty
patient, careful spirit of crafts-
rways exhibited at The Metro-
Museum, guides the makers of
Hardware in present-day New
d. It has placed at the disposal
rn home builders solid brass and
ronze hardware in authentic
l designs—interior hardware, as
heavy knockers and robust en-
handles. Every piece of it, lock
hinge, is hardware well made,
nd smooth of operation. Pre-
o serve faithfully for generations.
st-card will bring the book of
"Hardware for Utility and Orna
on." Select Sargent pieces with
Street, New Haven, Connecticut.



the influence of classical tradition.



t Cylinder Lock. This one is
ur plain patterns) and cylinder.
Newfane" knocker, No. 9 in the
Sargent designs, has the decora-
ch correct for your Colonial door.



SARGENT
LOCKS AND



Marjorie Jarvis, famous beauty, keeps radiantly healthy the HEALTH BUILDER way.



HEALTH AND BEAUTY

in 15 minutes a day

W[illegible] mous beauty, finalist at the Atlantic City Beauty Contest, says,

tle, easy, *sure* way to keep fit that I just can't help singing its praises. Although I [illegible] HEALTH BUILDER a few minutes a day, I find it all I need to keep in the 'pink' of physical condition."

Thousands [illegible] This Method

the Battle Creek HEALTH BUILDER enables you to look and feel years younger. Dieting or back-breaking exercises are no longer necessary. With the HEALTH BUILDER you can exercise and massage your whole body, right [illegible]

HEALTH BUILDER, largely upon the

the HEALTH BUILDER is a safe

and keep vigorously healthy.

Oscillate Your Way to Health

With the Battle Creek HEALTH BUILDER you receive a massage-vibratory treatment that is better than an expert masseur could give you. It vigorously massages the heaviest muscles, takes off surplus weight safely and surely, peps up sluggish circulation, aids digestion, and firms up flabby muscles.

Write for FREE 'Book

ing the Battle Creek HEALTH BUILDER in operation, with complete series [illegible] TODAY! Sanitarium Equipment Co., Battle Creek, Michigan.



famous HEALTH BUILDER.

The Health Builder Keeps You Fit

SANITARIUM EQUIPMENT CO.
[illegible]
Name
Address
City State



Garbage and Waste Disposal without Leaving the Kitchen

Residence models as low as $95—and the masonry adds but little more when regular chimney is used.

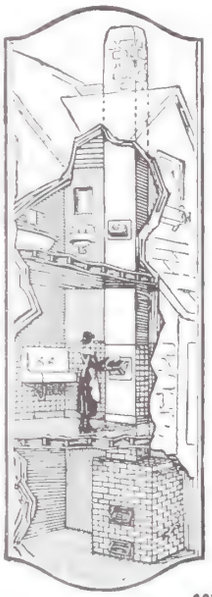
FOR less price than a good radio, you can banish the filthy garbage can and rubbish heap forever.

Disposal of *all* waste—not only garbage, but sweepings, tin cans, papers, magazines, broken crockery—is provided by the Kernerator, costing but little more than an electric washer.

Just drop the refuse in, then forget it! The handy, neat Kernerator hopper door is in or near the kitchen. Connecting with your regular chimney, it leads to a brick combustion chamber in the basement, where the daily waste accumulates and is air-dried without the slightest odor.

No Fuel Required

Once a week, or even less often, you simply touch a lighted match to the air dried waste. No gas, wood, oil or coal. Everything is consumed, while tin cans, [illegible] are [illegible] to powder with the ashes.



The view on the right shows a typical installation, and why the Kernerator must be built in when your home is erected. Be sure it is included in your plans. More than 2,500 architects and builders know and recommend it. Full details in free booklet, "The Sanitary Elimination of Garbage and Household Waste."

KERNER INCINERATOR COMPANY
725 [illegible] [illegible], WIS.

103

KERNERATOR
REG. U.S. PAT. OFF.
THE CHIMNEY-FED INCINERATOR

A PLACE TO MEET THE SPRI

(Continued from page 119)

oriental Daffodils and the golden bells of the Forsythias but the single ones like great Wild Roses with a sheaf of golden stamens seem a happy combination with the other blossoms that bloom in the spring.

I plant Peonies in early fall and propagate their [illegible] by digging a hole at least two feet in depth, putting a layer of well-rotted manure at the bottom, then alternate layers of loam and manure forked together. The plants are set not closer than two feet and the crowns covered with an inch of soil. Care can be taken not to have the manure touch the fleshy roots. They should remain undisturbed for many years as they resent moving by flowering badly for a year or two. When the ancient round Cinna beds—truly blots on the earth—with their annual fertilizing, planting, watering, digging and winter storage are compared with a flower border that may remain practically undisturbed for ten years or more, why should the proper care in planting be grudged to the occupants of these hardy borders?

EDGING

When we choose the edging plants used for their mass effect of color at the time the bulbs bloom, and for their covering of foliage through the summer and fall when the bulbs leave no trace of existence above ground, we come to the most appealing part of the plan. Here we can plant the small flowers which bloom in delicate sprays of dainty blossoms, and they make in this border a white or blue or lavender mist from which the flowers of the bulbs rise like jewels set in enamel. Here we can indulge our first longing for rock plants, for many of them grow without rocks or a rock garden provided the drainage is good.

Starting with a clay soil (which is considered by authorities to be the evil of all evils for rock plants) I removed the soil to a depth of sixteen to eighteen inches and discarded the subsoil; then by adding sand and sifted ashes and dead leaves and leafmold until the texture of the soil was light and friable, the edging plants used in these spring borders and many others found in lists of Alpines grew luxuriantly. With the addition of a generous trowelful of lime chips for those plants wanting lime in the soil, care that their needs for sun or partial shade are satisfied, and, of course, good drainage, these lovely little plants make perfect edges for our borders. Naturally, there are many high mountain species that cannot endure the winter dampness of a level place, but these difficult species are seldom found in nursery lists in the United States and are not always easy to raise from seed. High mountain Primulas or Saxifrages are not the ones for the amateur to use as a first attempt when he considers raising Alpines from seed.

Form and color harmony make more appeal to some gardeners than does size. These folk are the ones who want to make picturesque gardens and who are reviving the love for old-fashioned flowers like the Bleeding Hearts and Sweet Williams of [illegible] childhood recollections. To them rock plants with their delicate [illegible] sprays bring dreams of towering [illegible] and gorgeous sunsets. The happiness found in gardening is essentially the result of a vivid imagination. Those who plant gardens to materialize their dreams and who are repaid in full from personally caring for the plants, will find the spring flowers most appealing and they will be happy in watching the gradual development of their garden plans.

For the sunny spring border [illegible] lavender, yellow, blue and white. The dwarf covering plants are Aubrietia in varying shades of lavender; [illegible] with golden yellow blossoms beloved by bees; Candytuft (*Iberis*) and Rock Cress (*Arabis alpina*) which are pure white. The Rockcress has the additional charm of fragrance, and the flowers resemble Stocks. Each plant when full-grown will occupy a space about fifteen inches in diameter. They must have abundant sunlight, and more sand and sifted coal ashes in the soil to insure drainage in winter. To do the covering plants used in the half-shady border. If the ground has been prepared in the spring by digging in manures and left-over winter mulches, the sand and lime chips (not all of them like lime) can be added more easily when bulb planting is started in the fall. The sand will serve its purpose if it is included in the twelve inches of surface soil as the deep trenching insures drainage from below. The lime chips are the ones used to top-dress roads. When I have lost an Aubrietia or Alyssum (I have never had one of the others die) it has always been rotted off at the "neck," the crown of the plant. A safety precaution is a top-dressing of gritty soil in spring and fall which will keep water from standing about the plants. Make a little mound about the necks of the Alyssums.

NARCISSUS

The easiest way to plant Narcissus bulbs is to lift out eight inches of soil, place about an inch of sand at the bottom of this trench, set the bulbs about six inches apart, then fill in with top soil. As this is being done, add the covering plants, filling in soil and adding plants at the same time. The soil can be mixed with the sand or the sand and ashes very easily while it is out of the trench.

If seeds of these perennials have been planted in the spring, the proper time for transplanting is September which is also the best bulb planting time. Healthy, stocky plants result from seed sown thinly. If they are not moved until September, the seedlings should stand in the rows about three inches apart.

The species of Aubrietia, Alyssum and Arabis have lovely, soft, gray green foliage; and the foliage of the hardy Candytuft is the same somber green of Yew and Box and other evergreens. A little protection with Oak leaves or excelsior will keep

(Continued on page 172)

AT ASTONISHING NEW WALL MATERIAL



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PUMPS AND HEATING SPECIALTIES

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A PLACE TO MEET THE SPRIN

(Continued from page 170)

[illegible] through February, but I would rather see it about the garden, living and green through December and January snows, even if the constant freezing and thawing does get it a bit rusty for February. As the foliage of the Arabis and Aubrietia is scarcely two inches high after the blooming season has passed, both should be planted in front of the Alyssum and Candytuft. Blossoming time makes all of these small plants simply mounds of soft color, completely covering the foliage.

A shearing soon after flowering will keep them from seeding themselves to death or growing into long, rambling trailers. They may be increased by covering these branches with soil, but the easiest way to secure enough plants for a border about seventy-five feet long is to plant seeds. One packet each [illegible] *bis alpina*, Aubrietia (select one described as "blue") and *Iberis sempervirens* with reasonable germination will provide enough plants. Sow the seeds in early May in light friable soil in a sunny location and keep moist until germination. Like all Alpines, they are tiny seedlings and need very careful weeding to keep the little plants from being jerked out with the weeds. A drought is fatal to such small plants, and remember that the force of the water from a hose will wash them out of the soil. By September they will be about two or three inches in diameter and should be planted in their permanent location to become established before freezing weather. For their first winter, a covering of straw or excelsior or Oak leaves which do not pack into a cold, wet blanket should be given to protect them.

The bulbs for the sunny border are Narcissus, which will grow in either sun or half-shade, and Grape Hyacinths, *Muscari*, which increase well only when planted where the sun gives the bulbs a good ripening in summer. The Grape Hyacinths bloom from early April to the middle of May, the early ones getting up in time to greet the hopeful gardener when he is making his first trips about the paths.

[illegible]

Muscari azureum, sometimes called *Hyacinthus azureus*, is the earliest bulb to bloom, and one is safe to count on these wee bells chiming with the Snowdrops. This is the first clear light blue to come to the garden, a true cerulean blue. These close-set spikes about five inches high, planted thickly with the Snowdrops, *Galanthus nivalis*, will be almost the first picture of the spring. Spring came early last year and they were in bloom on the sixth of March. The small place where they are planted can have an extra supply of leafmold and sand, and the little bulbs should be set about two inches deep and at least the same distance apart.

There really is no garden effect made by this small group, but to find the tiny bells on a mild sunny day in March when we are searching for signs of the Daffodils seems to bring spring forward with a great leap. The large drift of *Muscari* Heavenly [illegible] will bloom with the Narcissus. [illegible] are about six inches tall, somet[illegible] as tall as eight inches, and their s[illegible] of dark blue is a beautiful con[illegible] with the golden yellow and c[illegible] shades of the Narcissus. Several s[illegible] issue from each bulb of the *Mus*[illegible] so their blooming season cover[illegible] period of five or six weeks.

Foremost in beauty among [illegible] flowers are the Narcissi, usually c[illegible] Daffodils, though the Daffodils [illegible] seem to refer to the large trumpet [illegible] tion of the family of Narcissus. [illegible] timent makes us hesitate to discard [illegible] name Daffodil, for poetic associa[illegible] has almost made it synonymous [illegible] springtime. The lush green leaves [illegible] clear yellow and white Daffodils s[illegible] out against the April skies with [illegible] rivalled freshness. The season of bl[illegible] [illegible] late in March, the blooming tim[illegible] most of the delicate species which [illegible] suitable only for very choice place[illegible] age can be secured, to the late [illegible] of M[illegible]

[illegible] CULTURE

The successful culture of Narc[illegible] depends upon several things. Drain[illegible] is, I believe, the most important. [illegible] course, on sloping ground a he[illegible] soil will be satisfactory; but in l[illegible] beds the drainage must be secured [illegible] deep digging, as the water shoul[illegible] drained away from below. In soil [illegible] average strength where there is g[illegible] natural drainage Narcissi will flou[illegible] and their culture is very simple. [illegible] fresh manure should ever be allo[illegible] to touch bulbs. If the preparation [illegible] the bed must be delayed until [illegible] humus and bonemeal genero[illegible] mixed with the soil are the saf[illegible] fertilizers.

The base of the bulb set [illegible] cushion of sand in the little trench [illegible] be about five inches deep. This [illegible] cushion is a wonderful help tow[illegible] locating the bulbs when they bec[illegible] too crowded and must be reset, [illegible] the first sign of pure sand on the p[illegible] of the trowel reminds us to be [illegible] tious. In two years the strong grow[illegible] kinds will have doubled and [illegible] small offsets besides. If one wishe[illegible] increase the stock quickly, the b[illegible] can be taken up and reset every o[illegible] year in June or July when the foli[illegible] has turned yellow about halfway do[illegible]

To produce the largest and m[illegible] perfect flowers, maximum root [illegible] velopment is essential. The flowers [illegible] produced through the root and [illegible] development of the previous seas[illegible] that is, the bulb is fully formed a[illegible] the flowering period and before [illegible] growth for the season is suspend[illegible] and it contains in embryo next ye[illegible] flowers and foliage. The foliage m[illegible] be allowed to die away naturally [illegible] misplaced zeal for neatness someti[illegible] induces the gardener to pull away [illegible] foliage when it begins to yellow.

If the Narcissi are wanted for [illegible] flowers, the blooms should be pic[illegible] before they are fully expanded [illegible] the buds allowed to open in w[illegible]

(Continued on page 174)

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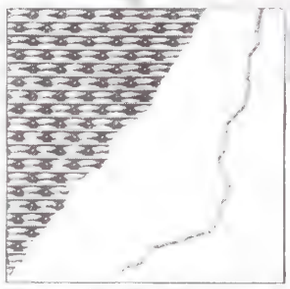
[illegible] Walker [illegible]
[illegible] Dish [illegible] Quick
[illegible] Easy [illegible] and
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A PLACE TO MEET THE SPRI

(Continued from page 172)

The color is finer—the red rims on some of the newer varieties showing distinctly—and the blooms last longer.

The varieties selected for this border have stood the test of time. They are old and well-tried and their price is reasonable, in the sense that we must expect to pay more than pre-quarantine prices for all Narcissus bulbs.

For the spring border in half-shade, the Peonies may be entirely omitted or just two or three used in the sunniest part of the bed. The remainder of the space allotted to plants of medium height will be given to Solomonseal. This is a very beautiful native of our northern woods whose leaves an English writer compared to birds in flight. It grows in a leaf-moldy soil with little care or attention. The shrubbery used in the plans is the same for either sun or half-shade. If the arrangement of your garden leaves the spring border in half-shade, large groups of Solomonseal set between the shrubs will provide masses of beautiful foliage.

The dwarf covering plants for partial shade are purple, lavender and white Violas, *Phlox divaricata*, a bluish-lilac native Phlox of the eastern United States, *Myosotis alpestris*, sky blue; and *Corydalis lutea*, whose small yellow blossoms appear from spring until fall. None of these exceeds twelve inches in height.

There are probably more childish recollections of Violas—the Lady's Delights of old-fashioned gardens—and more sentiment clinging to the many names by which they are known than are connected with any other old-fashioned flower. Some of the hybrids recently put on the market—Jersey Gem, for example—are quite new-fashioned and will probably find as warm a place in our hearts as the purple and yellow Johnny-jump-ups of old gardens.

VIOLAS AND PANSIES

The ease with which Violas can be raised from seed endears them to me, for expense has always been a serious concern in my garden. Every year I try some new ones and I love them all. *Viola papilio* (Butterfly Violet), a shade of pale lavender; Blue Perfection, deep purple; and White Perfection, a snow white one, will bloom in late July if they are sown in spring; and the following year will be sheets of bloom with the Daffodils in late April. A half-shady place with plenty of moisture-holding humus and sand mixed with the soil will make them flower with amazing freedom. They are lovely in small bowls for table decoration combined with sprays of Forget-me-nots and a few Grape Hyacinths or Narcissus—*Narcissus biflorus*, which has a short stem, is the right size. Violas should be cut with long stems, taking the branch off just above the ground. This makes new branches grow from the root and prolongs the flowering season, and also extends the life of the plant.

Phlox divaricata and its bluer variety *laphami*, which is expensive, are far too seldom found in gardens. The supply in the woods is so plentiful that we need not hesitate to co t wild plants which grow lux when moved into our gardens. the plan that the Phlox is us the white and cream shades Narcissus and the Forget-me-n the yellow Narcissus.

Myosotis alpestris, the Alpi get-me-not, is a biennial in dens and its furious seed sowin trouble in the rock garden, same characteristic is an addec tion when we want it as a cover for spring bulbs that a enough to raise their flower these eight-inch mounds of bl same light soil suitable for th ing plants also is recommen this Forget-me-not. *Myosotis flora* is also useful for planting the spring bulbs, for it blooms earlier than the *alpestris* varie two together will give us th quisite blues through April, part of June.

The Fumitory, *Corydalis lu* grow in any light soil, even walls. Its beautiful ferny fo delightful, and the small yello ers bloom from early sprin frost puts an end to them. I fo Fumitory very easy to raise fr and, contrary to authorities, I trouble transplanting my seed

LADY BORDER SEASON

The blooming season of t cissus will be retarded appro a week when they are grown shady border. For the ver effect, we have *Scillas* and th glories, *Chionodoxa*, which t shade and leaf soil (also the for Snowdrops, *Galanthus*). group of the Snowdrops, usu first flowers of the spring, is p the edge, for in this locati plenty of leafmold and sa should grow well and increase drops bloom about the mi March in an average Ohio *Chionodoxa luciliae*, soft with a white eye, and *Scilla* brilliantly blue, are usually bloom the first week in Apri increase well from self-sown s vided they are not scratched some energetic helper. The fi ling leaf resembles a blade and that is all one can see ground. All the force of the seems to be spent in making possibly small bulb; but thre will grow it to blooming si threat of the quarantine m search the seed catalogs and the seeds I could gather.

The money saved by raising nials from seed should be s choice backgrounds. It may t years for very small shrubs t their wanted size; it takes o years for most perennials t from seed to good sized plan the best shrubs you can affor make your planting look as th belonged to the house. The ex and knowledge gained through ing the germination and deve of these seedlings will be of able value to the amateur wi

(Continued on page 19



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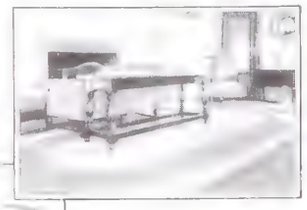
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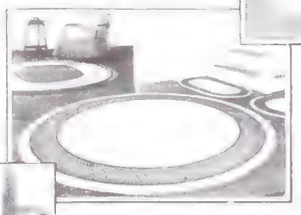
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H. d.

Cornus kousa is a beautiful companion for its American cousin. Its bracts are more pointed and parchmental and the tree presents a striking appearance when in full bloom

A GARDENER'S MISCELLANY

Cornus kousa, *C. Nuttallii*, *C. pubescens* and many other Cornus species, *Rhododendron dahuricum*, *Leontopodium nivale*, *Primula*.

Of course, warm slopes and sheltered hollows are most conducive to early bloom than are cold exposures. For plants like the Crocus and other bulbous things we must perforce wait the autumn, but the shrubs and hardy plants may be set out at any time planting at all may be done.

TWO FINE DOGWOODS—I am persuaded are so unfortunate as not to know the Flowering Dogwood, *Cornus florida*, that is so beautiful a feature of our countryside from Maine to Ontario and southward to Florida and Texas. It is one of the finest of small trees, lovely at all seasons, whether decked with the creamy bracts that we are wont to call blossoms, wrapped in the gorgeous coloring that it assumes in autumn, or standing bare of all decoration in winter, its gray spreading branches and budded twigs displaying an inimitable grace. Happily this tree is the familiar of many, but there comes from Japan and China a species which although it resembles it a good deal is hardly known at all. This is *Cornus kousa*, described as a shrub or small tree which in time may reach a height of twenty feet. It is an acquisition, indeed. The blossoms are large and creamy white, and are borne in great profusion in June after the tree is well leafed out, at a time when our native Flowering Dogwood has finished with blossoming and is clad in seemly green. Its autumn coloring is brilliant and the fruits highly decorative, the scarlet drupes being gathered together in a rounded compact head having something the appearance of a large Raspberry suspended by a slender stem. The Arnold Arboretum reports *Cornus kousa* as perfectly hardy in Massachusetts, the flower-buds being less often injured by severe cold than are the native species.

THE CORNELIAN CHERRY—Another little-known member of the Dogwood clan is the Cornelian Cherry, *Cornus mas*, native of central and southern Europe. It is specially charming habit of coming into bloom in March, covering itself with small yellow blossoms something after the style of the Witch-hazels and opening when full-flowered, in the words of Eden Phillpotts, "like a little tree of gold." The blossoms are followed by highly decorative fruits of a rich transparent red color. Small specimens of the Cornelian Cherry do not flower but the growth is fairly rapid and the display worth waiting for. It is a fine tree where space is a consideration, or it seldom grows taller than fifteen feet. Its habit is dense and spreading.

A QUAINT COLCHICUM—For the rock garden no Colchicum is more delightful than the little Japanese species, *Aspalathia Kotschyi*. It is dwarfed and stocky in stature with thickish leaves showing bluish lights and waxen blossoms, creamy-white as to the petals and hooked spurs; the shallow cup is faintly lavender color and the sepals a deeper hue. It is easily pleased with any sunny corner of the rock garden and sows its seed about freely when once established.

A HAPPY HEATH—Growing in a sunny corner of my rock garden in a mixture of acid peat and sand is a group that yearly affords me great pleasure. It consists of *Phlox bifida*, from the Middle West, the lovely bicolor form of the Birdsfoot Violet (*Viola pedata*) and bluets or Quaker Ladies (*Houstonia*). All these are native plants of the first beauty. The color scheme is in delicate lavenders and blues, enhanced by the velvet upper petal of the Violet.

NATIVE SILENES—North America offers several very beautiful Silenes or Catchflies for the rock garden. In the East we have the striking species *S. virginica*, the Fire Pink, and *S. pennsylvanica*, the Peat Pink. Both are to be found in most well furnished rock gardens, the former flourishing in sunny places in rather poor dry soil, the latter preferring half shade and a moderate acidity. But the western species are considerably less known and not as well understood

(*Continued on page 186*)



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PLAN-CUT Homes



A pencil sketch of the country home of Mr. and Mrs. Churchill Owens, Denver. Here Plymouth Tiles were used by M. H. Hoit, Architect

"Aged" Old English Tile

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Subdued and restful, the delicate nuances of coloring almost escape the eye, and yet, on close inspection a wonderful variety of tints and tones appear—warm hues of burgundy, faint lilacs, dusky purples, grays of bewildering variance, browns, greens, straw yellows, salmon reds—all softly blending as if washed by centuries of gentle rain.

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St. Brigid Anemones are obtainable in striking color combinations. A red and white double variety is one of the most effective types

NEW GARDEN ANEMONES

(Continued from page 98)

bulbs them. Annual manures are not for them, as they tend too much to produce a lush and soft growth. Nitrogens are well avoided.

In planting tubers, use care not to set them too deep. Two inches of soil over the top is amply sufficient. Each tuber needs twelve inches each way for proper development, and when setting in rows it is better to place them eighteen inches apart, with twelve inches between the individual tubers. Set them on an average three months before the bloom is desired. The new Bird strain will give approximately seven months of bloom if well fed and watered. Partial shade is best for spring and fall bloom, full sun for winter, and full shade for summer. During the warmer months tubers will begin to bloom in two months, and for the colder season, four months are usually required. By setting at various times, the flowers may be had during the months most desired.

When the bloom is over, the foliage must be allowed to dry down as with Tulips or other bulbs. The leaves usually take about a month to brown, and another to ripen off fully. This makes their yearly cycle three months in the ground before bloom is reached, seven months of flowering, and two months to ripen thoroughly. After this the tuber is then ready to lift and to have the numerous offsets removed, and may then be reset as desired.

St. Brigid Anemones will bloom from seed in seven months, but in raising them in this way the most important point is to plant the seed so that disturbance is unnecessary for eighteen months, at which time the tuber itself is well formed and new offsets are coming on. Flat-sown and shifted seedlings seem to receive a check from which they never fully recover, even if they do not perish entirely. Sow this seed where it is to grow, though a light surfacing of sand for the seed itself is advisable. Plant the seeds individually at least three inches apart, and six is still better. Where the summers are intense, be sure to have some means of shading them through the hottest hours. While seedlings, it is far better to afford them some winter protection even in Philadelphia. On the North Pacific Slope, the Bird

(Continued on page 180)



Some of the plants produce cupped blossoms with broad petals and prominent centers. This one is colored in a delightful Orchid tone

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NEW GARDEN ANEMONES

(Continued from page 178)

strain will be able to come through unaided. Shade will be necessary for them farther south. Be sure they do not dry out, and give them bonemeal as they come along. Do not cull out by the appearance of the first four or five blooms, as these are usually inferior to those that come later. Afterwards, if any weak stems or undesirable shades should occur, they may be removed, using care that the others are not disturbed in this thinning. Those that have not been able to survive snow, wintry winds, and ground frozen to a depth of two inches had better be allowed to perish naturally, as they are of too tender a constitution to be desirable, regardless of their other qualities. I believe it a good rule to continue unless one is deliberately seeking a greenhouse strain.

For those more extreme sections where it is necessary to give winter protection, the tubers may be planted later in the open and left to their own devices, receive an earlier placing with a good mulch over them, be set in a frame, or placed in a cool house for bloom through the holidays and the most wintry months of the year. If grown in a house the main danger is overheating. The so-called cool Carnation house is amply warm for them. Forty-five degrees is sufficient day heat, and the temperature should not go over fifty for best effects. They will survive and bloom even if the night temperature does drop to thirty-two degrees. Ventilation is important, also water. On the North Pacific Slope they may be had in bloom in the open without protection any month in the year by varying their planting time.

St. Brigid Anemones are prolific multipliers, both in seed and in the tuber offsets. There is such a vast difference between the various strains, however, that one might almost believe them different flowers. The new tubers are decidedly larger than formerly. Seeds, while having rather good keeping qualities in comparison with many others, should have the germ of eye well defined within its fuzzy covering. One packet containing very few seeds of the first rank is a far better purchase than several well filled ones of lesser quality.

In raising seed select a plant or plants exceptionally desirable in the garden. Then when the bloom has come into its best and before the plant is in any way exhausted, select the best flower on it and cut away all the rest. As new buds form, cut them ruthlessly. This sacrifices the bloom but it is part of the race's improvement. The seed from one flower will be numerically very nearly all the average garden maker will care to sow if the sowing is properly done and sufficient space is allowed. It is because of the failure of this selection that so much inferior seed has been placed upon the market. A good strain of seed will give a large proportion of worthwhile plants both in the usual wider cupped petals and a few with a number of narrow petals similar to shaggy Chrysanthemum petaling.

As cut flowers these Anemones are extremely satisfactory because of their midwinter possibilities, and also because of their good stems and keeping qualities. When picking them, a group of smaller leaves will be found well up the stem rather near the flower head itself. Plunge these under water, either in a container, or by holding under a tap. It seems to act as a subtle magic to keep that part of the stem from drooping after cutting. If done each day, it also adds greatly to the life of the cut flowers, though I have found them lasting four or five days without any attention at all.

PLANTING AGAINST THE HOUSE

(Continued from page 179)

broad-leaved evergreens, such as Laurels and Rhododendrons, too large and strong.

The clapboard house is content with just a few well placed shrubs of deciduous character. Pleasant flower effects are welcome. Nice foliage is essential. Dark leafed shrubs such as Withe-rods and Arrowwoods are as effective against the white boarding as dark green shutter and trim. Light green or even gray-green foliage has tones congenial with shutters and trim that are painted with lighter color.

Houses built of brick, stone or stucco permit planting of a heavier character. They often allow the use of evergreens. Laurels look well against warm red brick. Yews give color to gray stone. Junipers are good against rugged stucco. Rhododendrons, despite their large leathery foliage and rounded forms, are sometimes effective against these buildings.

Such houses often allow a copious use of clinging vines. The Evergreen Euonymus is always welcome, especially against brick. English Ivy always gives luxuriant effects, particularly against stone. Climbing Hydrangeas have nice foliage; their leaves and flowers make fascinating patterns. They look well against light-colored stucco. Other vines can be trained on wire or cable. Wistarias are especially effective. Let them make vertical lines up both corners of the house or on both sides of the main door, or let them hang horizontally.

Shingled houses which are very informal in style permit even more planting. Wall spaces invite comfortable masses of plants; wide porches permit the use of tall shrubs and trees. But even these houses are friendlier when only occasional groups of shrubs are used against the wall and when a tree is placed only here or there for decorative effect. They like, however, an abundant use of vines. All kinds can be used intermingled. Akebias and Grapes, Honeysuckle and Clematis make a veneer of greenery against the walls. The newest Rose climbers and such rare looking vines as Porcelain Vine festoon the stair railings. The Fleecevine or Silver Lace Vine trails along the balustrades and Bittersweets are good to fill shady corners.



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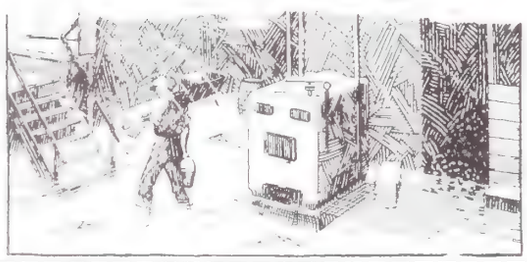
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THE WORLD OF GARDENS

(Continued from page 82)

down the country the more enthusiasm will be spread for gardens and homes. Of horticultural societies and clubs there has been a remarkable increase. These fall into three groups: social, progressive and passive. Unfortunately, the progressive group is much in the minority. Leadership is what is needed in these as in other matters.

Another pressing need of gardens is that of books. Not exotic productions, but native; not compilations nor plagiarisms, but the simple expression of experience and knowledge gained from one's own efforts. America is in climate, soil and situation very different from Europe and the plant material and its culture as well as the rules which govern garden making in the Old World have to be much abridged and greatly altered before they can be adopted here. The simplest book based on experience in America is of greater value to us than a large tome written by the most experienced gardener in Europe and imported here.

Among the handicaps to the development of American gardens are the all-too-numerous quarantines. Now, quarantines, properly employed, are necessary in preventing the spread of diseases and for this purpose no one can possibly object to them. But, in the too meticulous application of quarantine laws much vexation can be caused without the object for which the laws were enforced being attained. Diseases and pests must be looked upon as part of the game, unfortunate but inevitable. We accept sickness among human beings as a necessary evil in the human family. Doctors are an essential part of our social system and in our gardens we shall need doctors for our plants even as in the house for our family and selves. But, as with the human family, so with plants: the more sanitary the conditions of life the more healthy the subject and the less liable to sickness of any sort.

As the evolution of the garden spirit may be traced from the utilitarian outlook on vegetables and fruit to that of the esthetic in flowers which delight the eye and mind, so can the progress toward favoritism of the different types of flowers be traced. The Scarlet Geranium, the Peony, the Gladiolus and Dahlia are pioneers in this. They early attract interest and attention and gather around them a band of enthusiasts. Later, from among these ranks, the desire for greater variety is in evidence.

But, after all, it is immaterial where we begin or with what we begin to garden, the thing is to make a beginning and time will guide and regulate us into the proper sphere. Every year sees greater numbers making a beginning and the circle is ever widening outward. The future of American gardens is assured but the millennium is yet distant. As leisure and culture spread, so will the art and spirit of gardening increase. The desire for a home exists somewhere in the heart of every man and woman; when properly analyzed a garden converts a dwelling place into a home. America is beginning to build stately and soon she will garden finely.

THE STAIRWAY AS A FEATURE

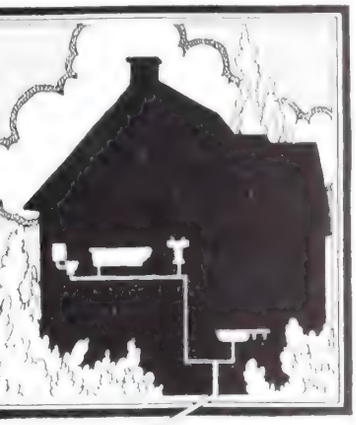
(Continued from page 140)

popular architectural imagination; it was highly favored and much used by the gifted Bulfinch, and a number of the stairways which he built still exist in and around Boston, one of the most notable being that in the fine old house at 40 Beacon Street, now the home of the Women's City Club. In some instances (comparatively rare, however,) a circular or elliptical stairway was made to rise from floor to floor without touching a wall anywhere, depending for support wholly upon itself. Such stairways are unquestionably beautiful, but to one not wholly persuaded as to their structural integrity they are likely to appear so frail and unstable that one almost hesitates to use them. Fully as graceful and certainly more "convincing" are those which by at least some connection with a wall give visible assurance of having adequate strength.

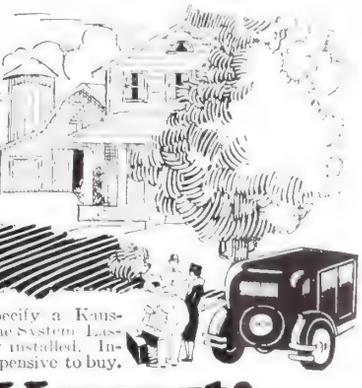
There are one or two things regarding a stairway, however, which might well be borne in mind when one is planning a building—details not of great importance in themselves, perhaps, but having much to do with the comfort and convenience with which the house may be occupied. One of these is the wisdom of placing the staircase in the hall rather than have it ascend from the living room. This particular arrangement is of course quite "informal," and for that reason it commends itself to many; but it has the disadvantage of making of the living room what is practically a passage or a thoroughfare; it destroys much of whatever privacy the living room might possess, and of course it renders quite impossible the reaching of the upper floor without going through what is likely to be the heart and center of the family's activity. Placing a stairway in this position is quite permissible, of course, in an extremely small and informal house or where lack of space renders anything else quite out of the question; but it should not be done—as it only too often is—in houses of larger size and much greater dignity.

Another thing regarding a stairway which might be borne in mind to good advantage is that, if the stairway be carefully and thoughtfully planned it is entirely possible to make one staircase fully serve all the functions of two. It need not be a difficult problem to make the stairway turn into a square landing from which a door may open to stairs leading down into the service quarters, and this door might very easily be placed where it will not be visible from the main part of the stairway.

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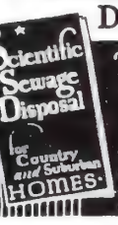
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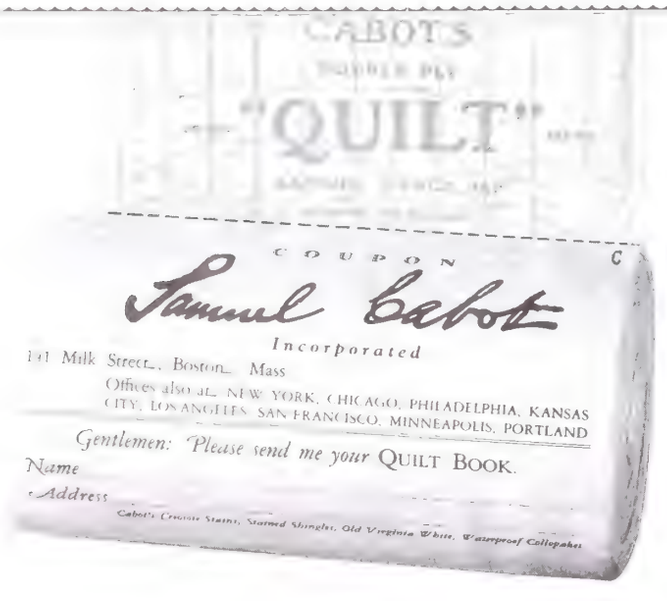
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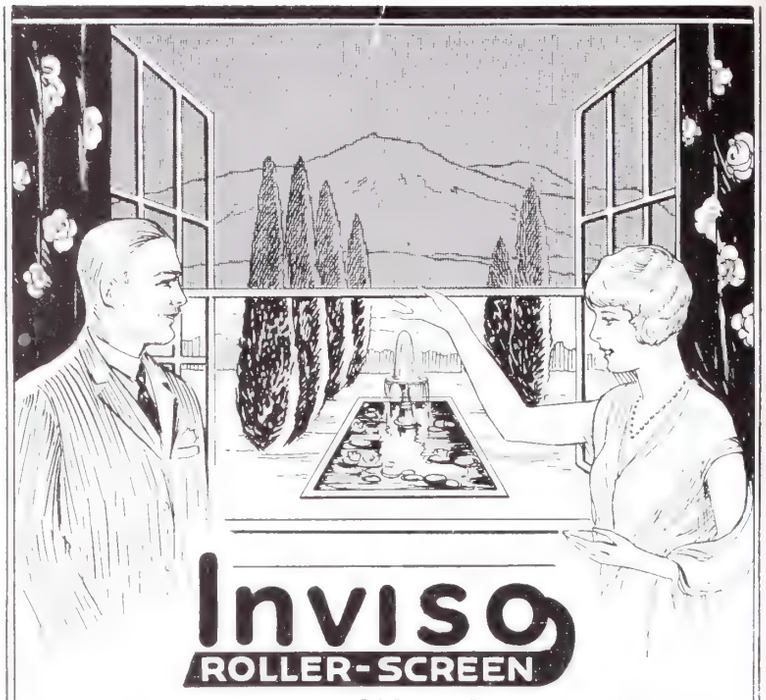
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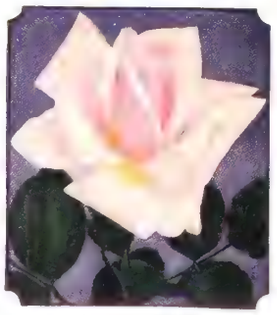
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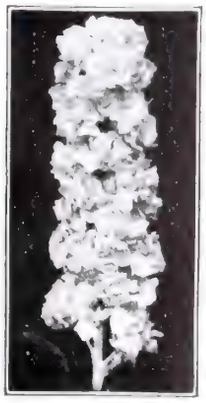


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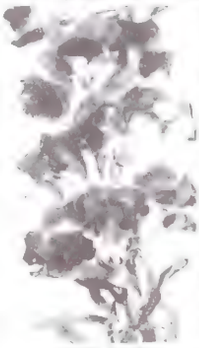
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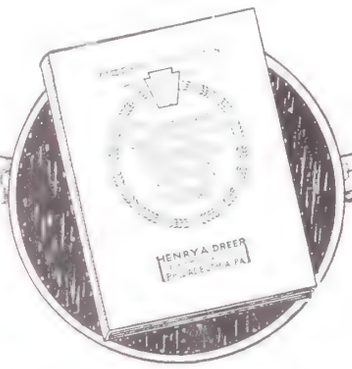


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HENRY A. DREER

1306 Spring Garden Street Philadelphia, Pa.

A GARDENER'S MISCELLANY

(Continued from page 176)

This species belongs to California and the Northwest where it is found on hillsides, its long taproot thrust deeply into the ground. From the thickened upper portion of the root grow the long, narrow leaves, gray and downy, and from their midst arise on stems two inches high large blossoms of a most pure and lovely pink. In the rock garden it will require a thoroughly drained situation with sun for at least half of the day, and a soil compounded of leaf mold and grit. Because of its thick taproot *Silene hookeri* is sometimes difficult to transplant, but it may be raised from seed without more trouble than must be expended upon the raising in this manner of any choice plants.

PYGMY EVERGREENS FOR THE ROCK GARDEN—Dwarf conifers for the rock garden are not very easy to come by nowadays in this country. It is therefore gratifying to find listed in a recently received catalog two of the most desirable: the dwarf form of the Irish Juniper, *Juniperus communis hibernica nana*, and *Picea glauca conica*. Both are slow-growing bushes and low growing, the former rather broadly columnar, the other more slender. Nothing adds so much to the illusion of natural scenery in the rock garden as do groups or specimens of such little trees.

FRAGRANCE IN THE GARDEN—While few gardens are wholly lacking in plants with fragrant flowers or leaves, it is none the less a fact that in modern gardens, while the eye is constantly catered to, the nose is only incidently considered. We arrange with care our color harmonies and sequences but there is very little deliberate planning for a succession of sweet odors. This is a great pity, for we thus deprive ourselves and those who have access to our gardens of the most subtle of enjoyments. With little trouble it is possible, all through the growing season, to have in flower some plant that has the power to diffuse its fragrance in the surrounding air. Flower fragrances are of many types—some delicate and elusive like that of the Wild Grape; some aromatic, which is to say both sweet and spicy like the scent of Pinks; some cool and refreshing, as are the blossoms of *Magnolia glauca*, some warm and sweet like Pansies and Phlox, some fruity, some resinous, and so on. But few flower scents are found too strong in the open air, though some may prove so indoors. Here are a few suggestions for those who may care to implant this special charm in their gardens.

In southern gardens the Jasmines, Gelsemium, Gardenias, true Myrtles, the delicious Winter Sweet (*Chimonanthus fragrans*), the Scented Olives (*Osmanthus*) and the tender Daphnes pour delicious odors upon the air. But these we may probably not enjoy much farther north than North Carolina. The earliest definite scent in cold gardens comes from the Garland Flower, *Daphne mezereum*, a low shrub for half shaded and sheltered situations. Of course Snowdrops are delicately sweet but we must bend close to be aware of it. *Lonicera fragrantissima* and *L. standishi* are two deliciously fragrant shrubs that bloom in March or early April in the neighborhood of New York; and we may add to these very early scents those of *Viola odorata*, *Viola blanda* and *Berberis aquifolium* (Oregon Grape). Also in April the following may be enjoyed: *Arabis albida*, *Iris reticulata*, *Crocus versicolor* (scent of Violets), Daffodils, *Magnolia stellata* and *M. conspicua*, Wallflowers (Virginia and southwards), Hyacinths, *Muscari botryoides*, *M.* Heavenly Blue and *M. moschatus*, Cowslips, Jonquils, *Narcissus poeticus*, single and double, and Polyanthus Primroses.

Akebia quinata is a slender climber whose three-cornered, plum-colored blossoms have a rich fruity fragrance. Grow this upon a lattice over the living room windows. It blooms in late April and early May. The aroma of the English Hawthorn (*Crataegus oxyacantha*) is far-reaching and delicious; the Persian Lilac has the best scent of all its fragrant tribe, and the perfume of the common Mock Orange (*Philadelphus coronarius*) is not exceeded by any of the fine hybrids. *P. grandiflorus* is without fragrance and is often a bitter disappointment to those who acquire it in the expectation of enjoying the scented charms characteristic of most of the race. Numerous Tulips are fragrant, notably those known as Cottage Tulips. In *Colour in My Garden* I have given a list of fragrant Tulips. Tulip Mrs. Keightley has the breath of a Tea Rose.

As spring wears away and summer begins we have Lily-of-the-valley, Sweet Rocket (*Hesperis matronalis*), best at night, Honeysuckles, *Daphne cneorum*, Florentine Iris, Peonies, Pinks, Garden Heliotrope (*Valeriana officinalis*), and a wealth of Roses. Let me call attention in particular to the delights of such old-fashioned Roses as the Damask, the Cabbage, the China and Moss Roses. None exceeds them in sweetness. In summer many annuals add their sweet breaths to the warm breezes. Some of the best are Sweet Tobacco, Stocks, both the Ten Weeks variety and the little Night-scented Stock (*Matthiola bicornis*), *Nycteriana capensis*, (vanilla-scented). All these are sweetest at night. Also we should have Verbenas, Mignonette, Petunias, Sweet Scabious (honey-scented), Candytuft, Snapdragon, Wallflower (Paris Extra Early), Sweet Sultans, Sweet Peas, Sweet Alyssums and *Schizopetalum walkeri* that is Almond-scented.

Summer perennials that give forth a fine fragrance are Funkias, many Lilies, Phlox, *Clethra alnifolia* (the Summersweet), Buddleia and *Clematis paniculata*. Beds of Heliotrope, or even a few plants, fill the garden with fragrance all summer until the first hard frost in autumn. One of the best and most refreshing perfumes is that from the creamy cupped *Magnolia glauca*, our native Sweet Bay, which will delight all who have a low dampish spot for its accommodation.

Whenever possible the sources whence plants mentioned in these articles may be obtained will be given upon receipt of an envelope addressed to Mrs. Wilder in care of House & Garden—EDITOR.

Erected in 1901, this fence has never needed repairs!



6", with quaint gates to match.

The first Dubois brought from France stands as originally set at Westbury, L. I. Time has only mellowed its beauty

BACK in the days when Theodore Roosevelt was President, a fence was erected a few miles from his summer home at Oyster Bay which attracted great attention.

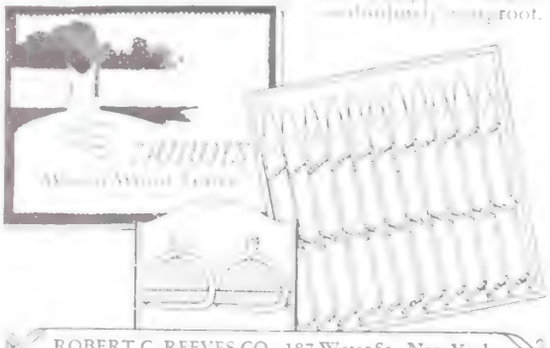
It was so different from anything that had been seen before! People used to drive a horse and buggy a mile or so out of the way just to look at it, and occasionally someone would chug past it in his new Thomas Flyer.

"Very beautiful," they'd say, "and how well it goes with Mr. . . . 's house. He says he got it from France, and it does [illegible] garden. The only thing is that now we can't look in on him as we used to!"

Twenty-seven years have passed since then, yet that strip of fencing has never needed to be repaired. It has withstood the wear and tear of wind and rain, heat and snow, without damage. It has never required painting! The saplings have deepened somewhat in tone, but this has only served to mellow its beauty.

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The Climbing Roses are particularly suitable in connection with pergolas, arbors or, as here, to create a classical setting for a garden doorway

TO MAKE ROSE GROWING EASIER

(*Continued from page 103*)

early points from the Atlantic Coast have given us Roses of surpassing beauty, and Blackspot has not been found notably bothersome.

Therefore, the soil hokum no longer exists. Any soil that would grow Potatoes, or Peas, or Corn, or any ordinary garden crop, will grow Roses.

But the chief item in the old program of restrictions was the required preparation for growing Roses. Always two feet deep, preferably three feet deep, and sometimes four feet deep, was the preparation needed. Then when you had this carefully dug you properly buried in it the stable manure which, thanks to Mr. Ford, is becoming increasingly scarce. No, wait a minute; you don't use stable manure, but only cow manure, a substance which, so far as I am personally concerned, has become very difficult to find. I remember once seeing some of the Taylor soil preparation when that able prophet of efficiency was analyzing all the motions necessary to the economic use of a toothpick in a hurry. You put down diagonal layers of this, that, and the other thing for three feet, so that when you planted the Roses the roots would

(*Continued on page 190*)



In the author's garden, "Breeze Hill," Roses are grown successfully under a variety of soil conditions and exposures. This photograph gives an idea of their effectiveness against a perennial and shrubbery background



Ideas and Inspiration For Garden Lovers

Send for this beautiful illustrated book

E title of this book is "Beauty in Gardens." It has been prepared at expense and represents nearly a work. It contains a remarkable tion of garden photographs from ork of noted landscape designers.

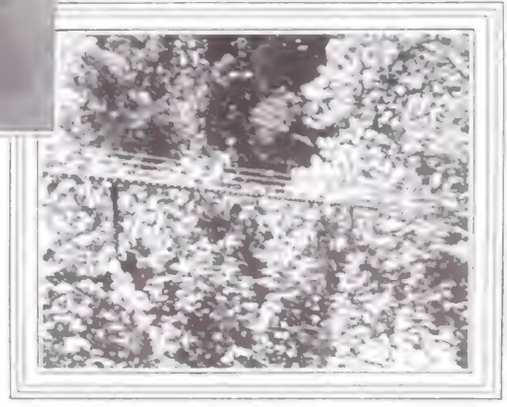
he principal types of gardens are n at their best—from the broad ect for large country estates to timate vista for modest homes.

B. Whitman, formerly associate of Country Life, is the editor s book, which also includes con-ions by well-known landscape ects and presents ideas and view-s seldom published. It conveys u the creative spirit which lies the planning of each type of garden, and brings out the important central ideas which enable you to express this spirit in actual plantings.

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Conifers make a pleasing background for a Rose garden. Contrary to some of the old ideas, the Roses can do well also planted quite close to trees of this character

TO MAKE ROSE GROWING EASIER

(Continued from page 188)

penetrate all the different layers and consequently have a perfectly happy job of it in selecting out what they wanted from where they wanted it when they wanted it.

Now we know that very few roots of the twenty Roses in our garden — mostly Hybrid Teas, Teas and Polyanthas, with all too few of the superb old Hybrid Perpetuals that ought never to have been neglected—get below eighteen inches, and we find it unreasonable to expect them to bring up the expensively buried fertility below their root range. So I am telling my friends that eighteen inches of honest soil preparation is ample for any Rose I know about. I am quite sure that Roses do not like wet feet, and that if drainage is required it ought to be below this eighteen inches. Given good drainage, two spade deep will do the trick, and I don't mind whispering in the ear of any one who is listening that in case of doubt and difficulty, or lack of time or strength, a thoroughly effective one-foot-deep preparation is going to produce some mighty fine Roses on the plants that will flourish, always above drainage, if drainage is required.

Soil, therefore, need not deter any one, nor need of complete preparation, for the present-day philosophy is that, given soil good enough and fine enough to raise Lettuce or String Beans, the Rose roots will start comfortably, and they can be fed easily as they deliver the growth and the blooms above throughout the season.

In this preparation stable manure of any kind is desirable. If it cannot be had, anything that will provide fertility in addition to that already in the soil will produce results. Bonemeal, sheep manure and wood-ashes, for most places, make up a fine combination which, about equally mixed, can well be stirred into the soil as it is dug and dug again and beaten and otherwise prepared for root-penetration.

One reason why the depth of preparation formerly urged is no longer considered necessary is because we do not plant as deeply as we used to do, and that is the next item of hokum to disturb and discard. I have had to raise my own book, *The Rose in America*, to correct the error I find I have published, illustrated with a diagram to show how Roses should be buried to two or three inches below the place at which they flourished in the nursery. I never could understand why the Rose I had seen blooming beautifully in the nursery row would not do as well at the same level in my garden, but I followed the books just the same. Now I know that it was a mistake. It is true that occasionally a few poor weak roots are emitted on the wood of the variety above the point of junction with the understock. It is also true that under the burial system, and particularly with the excellent Multiflora understock, the roots upon which we really depended were sick or nearly dead. In many cases a Rose lifted by placing a spade under it so that the plant came up to the surface of the ground again, had begun to grow and flourish because its underlying root system had a chance to work where Nature intended it.

Planting, therefore, no lower than where the Rose grew in the nursery is at present advised as by far the best practice, and it is certainly the easiest.

Pruning is another of the mysteries which need no longer be considered. I believe the National Rose Society of England, that greatest of all Rose organizations, still publishes its Manual with individual pruning directions for each of some five hundred or more varieties it approves, but I do not know any American grower who ever brushes the dust off this volume. Pruning is a simple matter of applied common-sense. The Rose plant when it comes to the aspiring gardener has been dug from the soil, and sometimes it has been pretty well dried out. Its roots are not in full functioning condition. Obviously they are not ready to support all the top which they previously produced, and it is reasonable, therefore, to remove much of that top. It is sensible, likewise, to prune off the top so that the growth which will start out shall be in the direction desired, usually outward. The Rose is an accommodating plant and it can be grown to a single stem if one so desires, or it can be made bushy or

(Continued on page 192)



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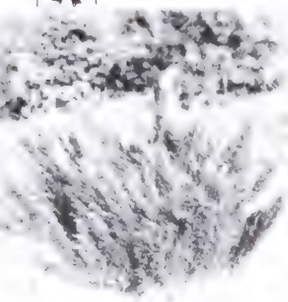
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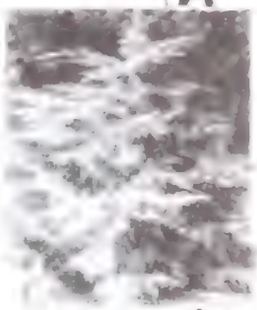
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TO MAKE ROSE GROWING EASIER

(*Continued from page* 190)

dwarf, or tall, within reasonable range, by methods of pruning. The only basic facts that need to be remembered in pruning are that, for the Teas and the Hybrid Teas, bloom always results from shoots produced during the current year which may arise either from last year's wood or from the base of the plant, while hardy Climbers, Hybrid Perpetuals and the "species" Roses, with few exceptions, bloom only on shoots which arise from wood of last year or the year before. This means that we can plant the Teas and Hybrid Teas, and also the Polyanthas, and get flowers within a few weeks, while the other Roses must have a year in which to prepare for their service to us. Pruning, therefore, is largely a matter of common-sense preference, with just a little basic knowledge to guide it.

FALSE INFORMATION

"Avoid the too close shade of trees or the proximity of tree roots," writes one author whose Rose book has been largely circulated. "It must be stated that Roses will not endure either their shade or their roots," I have said in my own book in reference to trees. The older books stress the need for an impossible combination of shelter and openness, and insist that Roses must not be used in borders or where they do not have free air circulation.

But this very morning I cut glorious blooms of a half-dozen varieties of Roses growing in borders, facing south, facing north, close to hungry shrubs and rapidly-growing evergreen trees. It is the end of the second season of success in growing Roses in these sheltered locations, where the air circulation is casual and the sunshine certainly not more than fifty per cent. The varieties thus grown include one which has never done well anywhere else but has been superb in shade and shelter, as well as others of both strong and weak growth in the open, but all growing strongly, freely and blooming beautifully in the shelter. What can I do, therefore, but poke the finger of derision at myself and other writers who have inherited this bit of hokum and passed it on? In the case I have mentioned the ground is fertile, but not especially so, and no particular effort has been made to block out the tree roots. In fact, in one case I find it is necessary to remove a beautiful plant of Gruss an Teplitz from too close proximity to a superb specimen of *Taxus cuspidata*, because the latter is being injured!

So I counsel the careful planting of Roses in these partially sheltered locations, with the hope that they will do as well for others as they have done, are doing, and I expect will continue to do for me.

We have been brought up to believe that the Rose, queen that she is, would tolerate no incursions of other plants; that she would share no part of her domain with another. But queens no longer maintain the real hauteur that once was theirs. They have grown more democratic and broad-minded, in accordance with the trend of the times. I would make a plea, therefore, for Roses now and then in the perennial border where, with perhaps even an enhancement of their beauty, they will prove true royalty by dwelling at peace with other flower folk.

The season of planting has been a matter of much discussion. We now know quite definitely that Rose roots are reducing their quality to produce Rose blooms every minute they are out of the ground, and that because all field grown Roses are dug in the fall, consequently it is good practice to plant then if the Roses can then be obtained dormant, plump and in good shape. We also know that if this cannot easily be done, it is excellent practice to buy the Roses in the fall and bury the bundles, tops and all, in a well-drained location where water will not stand around them and where they will be held over winter in condition for earliest possible spring planting.

Likewise we know that the earlier we plant in the spring the surer we are of success, and that the later we plant the more definitely does failure stare us in the face.

Potted Roses do offer an apparent seasonal advantage, and they serve to fill in blank spaces somewhat acceptably. If, however, the potted Roses have had their roots twisted and cramped to get them into the pot, be sure those roots will never spread out, wherefore the ordinary potted Rose is short-lived and only an emergency proposition. Fall planting, or fall purchase and home storage for very early spring planting, means Rose success about ninety-eight percent of the time. One courageous grower who offered to replace any Roses planted in the fall which did not start off in the spring was called upon to do so to the extent of less than one-tenth of one percent of his sales.

A PREFERENCE

In the interest of easier Rose growing mention is made of the preference of experienced growers for budded plants rather than own-root plants of all the important "everblooming" or recurrent-blooming Roses. A proper and vigorous understock provides the average Rose with a far stronger root system than it can make for itself, and the commercial budded Roses are a year older and far stronger than the usual little own-root plants that are sold in full leaf. The danger that "wild" sprouts from the understock will interfere is negligible—it doesn't happen once in a hundred chances, and is easily detected and remedied then.

A discussion of varieties is not altogether in place in this article, and it is broadly referred to the catalogs which I am delighted to see are becoming yearly more informative, more complete and more truthful. There are only a few varieties that are universal in their appeal, and it adds to the delights of Rose growing that one may try his catalog preferences with reasonable assurance of success.



Gypsophila :: "Bristol Fairy"

A lovely, snow white Baby's Breath that [illegible] and [illegible] the gold [illegible] flower [illegible] perfectly hard.

Strong Field-grown plants $1.50 each

Regal Lily (Lilium regale) [illegible] white suffused pink and [illegible] of reverse. Connecticut-grown bulbs. [illegible] each, $8 per dozen, $60 per 100. Extra [illegible] each, $2.50 per dozen, $20 per 100.

The Spring issue of our Catalogue

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ROSES

Spring Planting

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Hardy Herbaceous and Rock Garden Plants

Evergreen Rhododendrons Perennial Plants and Vines

Our Specialties

BOBBINK & ATKINS

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A Dependable Small Power Mower

THE IDEAL "Twenty" meets the big demand for a sturdy, practical, real estate priced power mower for medium and small lawns. Well made, ample power for heavy cutting, it's genuinely a real labor saver.

Thousands of home owners, parks, cemeteries, etc., will welcome the chance to secure one of these guaranteed real labor savers this spring.

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POWER MOWERS

A Gentle Shower at Your Finger Tips

A [illegible]

sprinkler into instant action. Your shrubs, flowers, garden [illegible] or wash soil.

Don't let dry weather spoil your garden or lawn this [illegible] to come with a Double Rotary. Sturdily built of best ma[illegible]

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DOUBLE ROTARY
SPRINKLER
Next Best to Rain



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As typified in the gracious dignity of the outdoor porch and other pieces pictured here, Hartmann-Sanders garden furnishings afford a pleasure and scope for outdoor life and entertaining that are clearly demanded by social conditions today.

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Let Dogwood, Judas and Silver, for beauty, and effective use of the lower tree, be enhanced by Rhododendrons and Azaleas, Mountain, Sweet, Pinxter, Flame, Swamp, Rose, Clammy, Smooth, Flowering, Purple, Carolina, Catawba, Rosebay, Great Laurel, Sheep, Mountain

THE WOODLOT LANDSCAPE

(Continued from page 194)

...city, suburban residence or summer home. Whenever the interest is not in land that has been abandoned, the woodlot may be full of dreary. What is the best method of developing it to make it a thing of use and beauty? The first step, of course, is to protect the woods from their enemies. Among these, blundering humans, fire and insects are the worst.

The destructive, but well meaning human is perhaps the most difficult to combat, for that one might well be ourself. We want to develop or beautify our "clump of" the woods, so we go forth armed with an ax and brush hook and proceed, with the best intention in the world, to chop and hack the forest out of all semblance to its natural self. This is not forest development. I recall a story told about one of our greatest landscape architects. He had been working on the estate of a famous Detroit manufacturer. Friends of the owner were being shown the place and one remarked, "Why it doesn't look as though your landscape architect has done anything here." No more complete compliment could have been paid him, for his work was so skillfully done that the finished result had the appearance of perfect naturalness, and yet it was available for enjoyment. Its many attractions had been subtly enhanced by a bit of thinning here and there, a group of wild flowers introduced, or a bank of shrubs planted.

When we go into the woods let us

(*Continued on page* 196)



Rhododendrons and Laurel form a successful roadside underplanting, especially in Oak or coniferous woodlands. They like the acid soil and shelter which such situations generally provide

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"Flowers are the Children of Light" Moleschott

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Rock Plants

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MUNZ SPRALAWN



THE WOODLOT LANDSCAPE

(Continued from page 194)

have a definite plan in mind as to what we wish to make of it, and let us err on the side of doing too little rather than too much. Nature will always help us to an effect, but let us not occupy her whole time in the covering up of our mistakes.

Woodland as we find it will rarely be primeval—usually it will be second or third growth, or even a seedling growth on abandoned fields. Trees will be in clumps or thickly set of mixed varieties, and the undergrowth will be tangled and often made up of things like Laurel, Bayberry or Sumac, things which do well when the woodland is young but which have a tendency to die out as the density of the [illegible]. Our [illegible] then, will be to reduce clumps of three or more trees to one or perhaps two of the best so that the strength of the root may be conserved and better trees developed. We will thin somewhat, leaving the trees on an average not closer than six feet apart.

[illegible]

Short Lived or weak wood [illegible] such as the Poplars, Basswood and Poplars should be [illegible] specimen or group which is needed for pictorial effect. Undergrowth will be [illegible] Huckleberry or Ground Hemlock, [illegible] plant food but which also retain the moisture which is necessary for continued and luxuriant growth. Secondary trees—that is, those growing only twenty or thirty feet high—may be introduced or left in clumps, but [illegible] Among these secondaries we have the Dogwoods, Cedars, Hornbeams, Hop Hornbeams, Judas trees and the various Hawthorns.

A system of trails will be developed, combining the necessary fire lanes with pleasure walks so arranged as to show off the woods to the best advantage, and also to make points of vantage such as distant views or shadowy vistas available and enjoyable. These trails should follow the natural undulations of the topography so that in walking over them it will not be necessary to climb steep banks, or descend abrupt pitches. Either the backbone of a ridge or the thread of a valley is an ideal location for a trail. Curves should be graceful and in long sweeps rather than in abrupt bends. And the sides of the trail may be planted with interesting groups of native shrubs, Ferns or wild flowers between which glimpses are to be had into the forest itself. Like all good roads, these trails should have a definite beginning and an end and should lead the observer from some point of interest to another, such as a distant view, a grass meadow, a rock encircled spring, or a particularly interesting tree or some especial group of plants.

The trails should vary in width, according to their length and importance, anywhere from four to twenty feet. Their surface should not be cultivated but all undergrowth which might impede easy walking should be removed and kept mown. The introduction of log or rock steps where the grades are necessarily too steep for comfort, and the use of an occasional rustic bench, adds much to the enjoyment of the visitor.

The introduction of plants which may not be native to our particular woodland, but which thrive under similar conditions elsewhere, is also an interesting field for the enthusiast. Where the trees are mostly Oak and Hickory, Hemlock, Beech and Ash, may be introduced—or if there are open spaces, White and Red Pine, Spruces and Firs. Dogwood may be used to edge down a vista, or Holly, Spicebush, Shadblow or Winterberry may form clumps here and there. Mountain Laurel, Highbush Huckleberry, Rhododendrons and Azaleas thrive where the soil is acid. Of the wild flowers there is almost an endless number which can be utilized. Hepatica and Bloodroot where it is moist, Lady-slipper [illegible] woods [illegible] Trillium, Trailing Arbutus, Shadbow along with Maidenhair, Partridge Vine, Ground Pine and Rattlesnake Plantain in a grassy path, the Gold Thread, Violets and Birdsfoot Violets, or along a small stream Alders, Willows, Joe-pye-weed, the [illegible] Cardinalflower, Turkscap Lilies and Ferns will thrive. One could [illegible] about the truly lovely pictures that can be made with these shy beauties, plants that no amount of coaxing can make grow in the usual flower garden.

When we have created some semblance of [illegible] in our woodlands we are even more concerned with protecting them from fire and insect pests. Each year [illegible] thousands of dollars' worth of ripe timber destroyed in these United States, to say nothing of the untold thousands of young trees destroyed and the countless acres of natural beauty turned into a shambles by that terror of all who know and love the woods—fire.

FIRE PROTECTION

To protect against fire the first step is to remove all standing or fallen dead wood, and also all the dead branches that are within reach on live trees. This opens up the woods so that they are passable and if a fire starts it can be more easily controlled. Then, too, the removal of dead branches removes a stepping stone for a fire, making it more difficult for it to leap from the ground to the tree tops. This is particularly true among the Pines and other resinous evergreens and among the hardwoods whose leaves are persistent during the late fall and on into the early spring. It is by means of such combustible material that fires acquire great impetus.

The second step in fire protection is to isolate the woodland from adjoining forest by means of fire lanes. These should be at least fifty feet wide and should be cleared and kept plowed, so that fire can neither jump or run across. If there are large and beau-

(Continued on page 198)

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BOLENS [illegible] are [illegible] of garden lovers and suburbanites have found [illegible] solution to their garden problems.



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Light-weight roller pressure as the frost leaves the ground: this aids the penetration of the tender, new grass roots into the soil. Heavier roller pressure as the season advances: this produces firm, closely knit roots, discourages weeds, and promotes [illegible]

The weight of the Dunham Roller is adjusted by the amount of water (or sand) poured into the steel drum. Pulls or pushes with a minimum of effort. Larger sizes have roller bearings. As easy to run as a good lawn mower — and equally necessary.

Tennis courts and golf greens (moist or dry) need regulated pressure as well. For all purposes the Dunham has replaced unwieldy, noisy cast-iron and concrete rollers.

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[illegible] Dunham [illegible] for [illegible] Book, "[illegible] Lawns".

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Scott's Creeping Bent for Perfect Lawns!



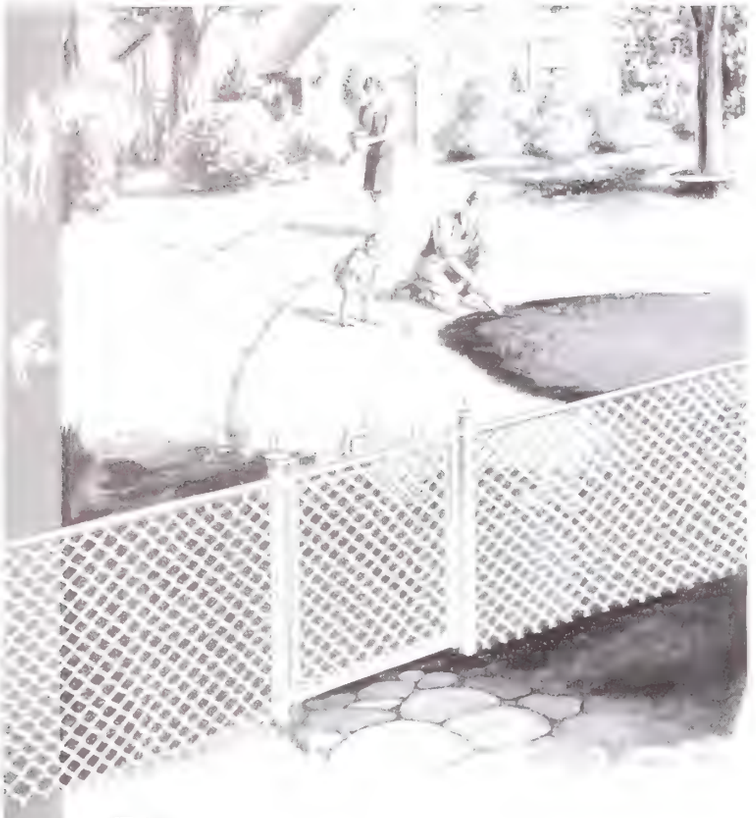
Sod in six weeks! A rich, velvety [illegible] that chokes out weeds before they can grow! A deep, thick, uniform turf that makes your home a beauty spot! That's what you'll get if you plant Scott's Creeping Bent.

The New Super-Lawn

Creeping Bent—long recognized as the [illegible] putting greens—is now producing Super [illegible] sowing seed you plant stolons or the [illegible] in a few weeks you have a luxuriant lawn [illegible] pile of a Turkish carpet!

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[illegible] treatise on how you can have beautiful lawns. Write today [illegible]



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When one's property is open to invasion by short-cutters, trampling neighborhood children—stray dogs and pecking chickens—much of the hard work of spring seeding and planting is sure to go for naught.

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THE WOODLOT LANDSCAPE

(Continued from page 196)

tiful trees in such an area they may be left, provided they are well-branched. If the woodland is greater than an acre in extent it is wise to subdivide it with paths and trails, less wide and not necessarily kept cultivated which would act as fire checks and along which backfires could be started should a fire gain headway in other parts of the woods.

The third precaution is to backfire along highways and railroads, in order to clear the ground of loose combustible material such as dried leaves and long grasses, for a carelessly thrown cigarette, match, or even a flying spark will often ignite such material. It is also advisable to be on the lookout for fire in the early spring, the dry summer periods, or in the fall so that if one starts it can be promptly checked.

The protection of the forest against its insect enemies varies according to location. Certain pests infest certain sections, and others abound elsewhere. For detailed information on any one section consult the State Bureau of Conservation. In general, however, the spraying with arsenicals for leaf-eating beetles, the collection of egg masses of caterpillars and the destruction of their nests, as well as the banding of the trees with some sticky substance to entangle those insects which breed in the ground and then climb up the trees, are usually all that is needed. Fungus diseases such as the terrible Chestnut blight and the White Pine blister rust seem to be combatable only by the destruction of the victim along with the pest. In the case of the White Pine blister rust experience has shown that if the host plants, which in this case are Barberry and Raspberry bushes, are removed the development of the fungus is hampered considerably. Insects such as the Hickory bark borer do not seem to do sufficient damage to warrant great concern over them.

In the case of the small suburban residence set in a grove or coppice our problem is somewhat different, and yet the same laws governing the needs of the trees apply. Several times I have been asked why trees which have remained on an area opened up for development show a tendency to die back at the top and to send out ragged branches along the trunk. This is a common condition and the explanation is not far to seek. When the trees were growing in a close forest they had to grow exceedingly tall to reach the sunlight. Then, too, the shade and the more or less thick ground cover of low forest shrubs held the fallen leaves in place and retained moisture. When these conditions are changed by extreme thinning, and when the undergrowth is supplanted with clipped lawns, the trees attempt to adapt themselves to the new conditions. No longer, under the necessity of reaching to a great height for light, they tend to sprout out at the side. Bereft of the mulch of leaves and shadowed ground, the trees suffer from lack of food and moisture and consequently are unable to send sap to the topmost branches. This looks rather like a hopeless dilemma, for we cannot place our homes in the dense shade of an unbroken forest, nor do we wish to have them surrounded by rough, unkempt growth. We may save our trees, however, by giving them some additional care. Watering is the most important thing, especially when we realize that the average tree uses through evaporation several barrels of water each day. We can appreciate this need, especially during hot, dry summers. Watering is best accomplished by making holes with a crowbar to a depth of two feet or so at intervals of three feet or more all over the area surrounding the trees.

Another helpful thing to do, insofar as the landscape scheme permits, is to cover-plant under the trees. Such plants as Myrtle, Pachysandra, Honeysuckle, Ivy or Lilies-of-the-valley are admirable for this purpose, and great beds of them under the trees are often an added attraction to the place.

In planning our landscape, too, if we have forest trees in mind, we can do much to enhance their well being and at the same time gain an effect more in harmony with the site. Native shrubs for boundary and screen plantings, young native trees planted to take the place of the older ones eventually, or plantings of native Ferns and flowers—all of these will play an important part in our gardening schemes. In this way harmony and a healthy growth will prevail and we will avoid the sad spectacle either of dead or dying trees, or of ordinary garden plants struggling desperately to survive unsuitable conditions.

A PLACE TO MEET THE SPRING

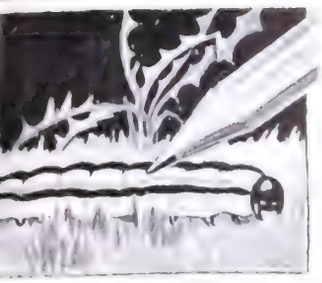
(Continued from page 174)

previous experience in gardening; and the purchase of seeds and shrubbery in the spring and bulbs in the fall spreads the cost over three seasons.

I hope these suggestions written from my personal experience in two very different gardens will prove helpful. "We learn by doing"—but often with much discouragement—so I have tried to record all the important facts which an amateur in the first flight of enthusiasm might overlook. Usually the gardener is not interested in articles on gardening until a plot of ground comes into his possession. And among my gardening friends, even the most enthusiastic did not know of the wealth of garden literature when they first wanted a garden.

It seems to me that the beginning flower-grower, often a woman, will find the best plan to be one of planting a background and preparing the soil with day labor for the heavy work. Then she can plant the bulbs and perennials with her own hands, for care and knowledge and skill are required for their right planting.

Half the pleasure in gardening comes from plans and anticipations and the development of our creative ability through actual work with our own hands. Town gardens form a separate and recognized class and one which the owners can develop along new and original lines.



Gets them Quick!

Cutworms, snails, slugs, earwigs, sow-bugs, grasshoppers

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You simply broadcast the dry granular meal on the ground around the plants and vegetables. The pests eat the meal as a food and are quickly destroyed.

Unlike old time methods and poisonous mixtures to plants and vegetation when used according to simple directions so water will not harm Snarol in fact it works best when wet. This feature makes it ideal for use where rain and sprinkling cause wet garden conditions.

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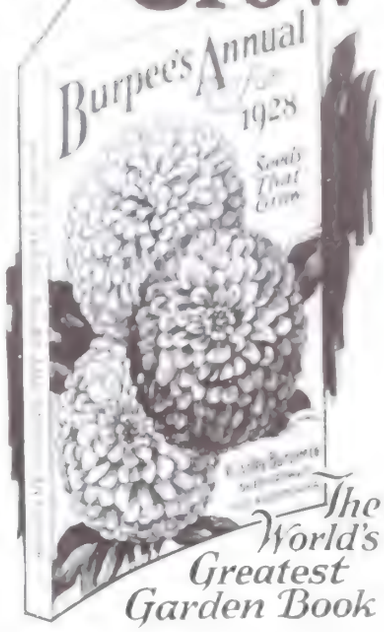
IT is easy to [illegible] yet they exert enough pressure to clean the lawn without injuring even the tenderest grass. The average steel rake no matter how lightly used digs into the grass, loosens the roots and soon kills the new shoots. The LAWNCOMB is so serviceable—so inexpensive that no home should be without one.

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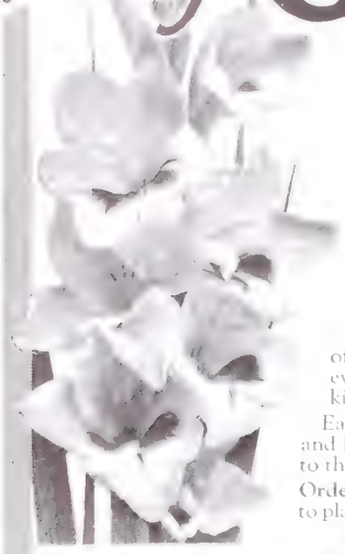
Nothing adds more to the beauty of your place than a fine expanse of velvety lawn. To insure the finest results choose the MotoMower—saves time, labor, expense. Simple and easy to operate—runs on its own power. Cuts close to obstructions. Return the coupon for our new catalogue.

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GARDENING GUID

(Continued from page 125)

SPRING BLOOMING

EVERGREEN SHRUBS	DECIDUOUS SHRUBS & TREES	VINES	PERENNIALS	ANNUALS	BULBS
Azalea (various) *Daphne cneorum* Shortia Andromeda Rhododendron (Catawbiense Carolina) Prostrate Cotoneaster	Azalea (various) *Daphne mezereum* Stuart Magnolia Japan Quince Redbud (Cercis) Dogwood (various) Rose Hugonis Flowering Cherries, Plums, Almonds, Peaches, etc. Deutzia and many others	PERENNIAL Honeysuckle Wisteria Jasminum Anemone Clematis (*Montana*) Akebia ANNUAL Cardinal Climber Moonflower Morning-glory Japanese Hop Purple Bell Vine Cobea Hardy Pea (latest)	Alyssum Aribis Aubrietia Dicentra Iberis Iris (*Japonica* and other) *Phlox subulata* Primulas Saxifrage Viola	STARTED PLANTS Pansies English Daisies Alyssum Ageratum Petunias Wallflowers QUICKEST FROM SEED Clarkia Phlox drummondi Poppies Leptosiphon Nemophila	Tulips Narcissus Hyacinth Crocus Snowdrops Snowflakes Grape Hyacinths Chionodoxa Scillas Fritillaria

SUMMER BLOOMING

Abelia Rhododendron (hybrids) *Rhododendron maximum* Honeysuckle *Lonicera* Mountain Laurel Leatherleaf Inkberry Heather *Cassiope* Heath *Erica*	Jap. Dogwood Lilacs Sweet Bay (*M. glauca*) Mockorange Smokettree Sweetshrub Rose (several) Hydrangea (early varieties) Deutzia (Pride of Rochester) Butterfly bush	PERENNIAL Honeysuckle Clematis Silver Fleece-vine, Silver Lace Vine (*Polygonum*) Silvervine (*Actinidia*) Trumpet-creeper, *Bignonia* Hardy Pea *Lathyrus* ANNUAL Scarlet Runner	Anchusa Campanula Delphinium Foxglove Gentia Iris, Jap. Phlox Platycodon Scabiosa	FROM SPRING SOWN SEED Cosmos (new extra-early type) Chrysanthemums Larkspur Candytuft Lupines Lavatera Portulaca Viscara	Begonia, Tuberous Agapanthus Tuberose Summer Hyacinth Ismene Trigridia Tritoma (hybrids) Gladiolus Cannas Hardy Lilies (early sorts)

FALL BLOOMING

Daphne Heath (*Erica*) Mountain Laurel Heather Barberry Viburnums (Leatherleaf, Cranberry) Cotoneaster	Hydrangea Butterfly bush Summersweet Rose of Sharon Hardhack Waxberry Spicebush Clethra (Chaste Tree) Weigelia Forsythia	PERENNIAL Honeysuckle Clematis Kudzu Vine Hardy Pea Bittersweet Euonymus ANNUAL Cardinal Climber Morning-glory Moonflower Purple Bell	Anemone, Jap. Aconitum (monkshood) Asters Chrysanthemums Heleniums Boltonia Coreopsis, calliopsis Gaillardia Plumbago Stokesia Viola (Jersey Gem)	Asters African Daisy Cosmos Petunia Galvia Marigold Mignonette Zinnia Snapdragon Verbena Heliotrope	Crocus *(various)* Canna Dahlia Gladiolus Montbretia Kaufmanniana (Mrs. Haggerty) Sternbergia *(lutea)* Oxalis Hardy Lilies (late sorts)

RED & PINK

EVERGREENS & TREES	SHRUBS	VINES	PERENNIALS	ANNUALS	BULBS
Rhododendron Mountain Laurel Lambkill Laurel Daphne Abelia Dogwood, Pink Redbud Flowering Cherry and others	Azaleas (various) Quince Hawthorn Deutzia, Dwarf (pink) Weigela (Rose-colored) Spirea (crimson) Spirea Van Houtte Waterer Shrub-althea (*Hibiscus syriacus*) Tamarix	ANNUAL Cardinal Climber Dolichos Scarlet Runner Cypress Vine Morning-glory Brazilian Moonflower PERENNIAL Crimson Trumpet-flowered Bignonia Honeysuckle (Dutch)	Anemone, Jap. Aquilegia Armeria Chelone Dianthus Dicentra Geum Gaillardia Hibiscus Peony Lychnis	Balsam Gaillardia Clarkia Crimson Flax Petunia Phlox Poppies, (small types) Scabiosa Cosmos Scarlet Sage	Tuilps Hyacinth Narcissus (pink varieties) Fritillaria bulbocodium Lycoris Gladiolus Dahlias Cannas Hardy Lilies (several)

YELLOW

Arborvitæ (Vervaene Golden) Chinese A. (Column, Gold Spire) Sawara Cypress Goldtip Jap. Yew Juniper, Chinese "golden" *Labaunum* Tuliptree	Forsythia Genista Cornelian Cherry Winterberry Kerria, Jap. St. Johnswort Witchhazel Rose, Hugonis Rose, Harrison's Yellow	ANNUAL Canary-bird Vine Thunbergia PERENNIAL Jasmine (*nudiflorum*) Honeysuckle Bittersweet (yellow-orange berries)	Achillea Adonis Anthemis Goldentuft (Alyssum) Doronicum Coreopsis Helenium Evening Primrose Rudbeckia Trollius	Bartonia Calliopsis Calendula Poppies (esp. Golden West) Marigold Evening Primrose Sweet-sultan Snapdragon Sunflower	Narcissus Hyacinth Crocus Tigridia Sternbergia *Ornithogalum aureum* Dahlias Gladiolus Cannas Tritonias (Montbretias) Hardy Lilies (several)

(Continued on page 262)



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Jersey's Fiancée. (Dec.) Rose pink; petals tipped gold	5.00
Jersey's Sunshine. (Dec.) Light yellow	5.00
Jersey's Jewel. (Dec.) Soft mallow pink	2.50
Jersey's Gem. (Dec.) Lavender pink	1.00
Jersey's Radiant. (H. C.) Orange	2.50
Jersey's Mammoth. (H. C.) Golden Mahogany	2.50
Jersey's Sweetheart. (Dec.) Delicate pink	2.50
Jersey's Wonder. (Dec.) Apricot yellow	5.00

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City

GARDENING GUIDE

(Continued from page 104)

EVERGREEN TREES	SHRUBS	VINES	PERENNIALS	ANNUALS	BULBS
WHITE					
Dogwood Silverbell (White-flowered)	Hawthorn Deutzia Spirea, various Mockernut various Snowberry Sweet Pepper-bush	ANNUAL Dolichos Dutchman's-pipe Moonflower Cup-and-saucer vine PERENNIAL Clematis (various) Actinidia Madeira-vine Jasmine Wisteria	Arabis Achillea Anemone, Japan Boltonia Gypsophila Iris (Siberian) Snow Queen) Phlox Miss Lingard) Shasta Daisy Viola (White Jersey Gem) Yucca	Mesembryanthemum, Sweet Alyssum Ageratum Candytuft Cosmos Gypsophila Stevia Petunia (esp. Rosy Morn, White and Snowball) Poppy (White Shirley) Verbena	Tulip Narcissus Hyacinth Crocus Snowdrop Snowflake Lily Summer Hyacinth Montbretia Liliy-of-the-valley others
BLUE SHADES					
Colorado Blue Spruce Blue Mt. Atlas Cedar Redcedar Dundee Redcedar Chinese Juniper	Hydrangea Mock Orange False Indigo Bush Lilacs Buddleia Blue Rose-of-Sharon Blue Spirea	ANNUAL Morning-glory Moonflower Moonflower Climbing Foxglove PERENNIAL Wisteria Lycium Akebia Kudzu Vine	Aconite Anchusa Aster Delphinium Globe Thistle Iris, various Platycodon Lobelia, var. Speedwell Penstemon Myosotis Viola, Jersey Gem	Blue Lace-flower Asperula Ageratum Lobelia Larkspur Lupine Petunia (new blue) Torrenia Phacelia Zinnia (giant purple) Heliotrope	Hyacinth Grape Squill Chionodoxa Iris, bulbous Agapanthus (Blue Nile Lily) Gladiolus (several) Nymphaea (various)
FOR SUNNY LOCATIONS					
Holly	Tamarisk Rockspray Barberry Bayberry (Practically all shrubs, including those in list below, will thrive in full sun)	ANNUAL Canary-bird Vine Cardinal Climber Morning-glory Nasturtium Cypress Vine PERENNIAL Japanese Ivy Wistaria	Aster Butterfly-weed Chrysanthemum Goldenrod Helianthus Gaillardia Helenium Coreopsis Yucca	Statice Arctotis Begonia Balsam Calendula Arctotis Portulaca Cynoglossum Anagallis	(Almost all hardy bulbs, except a few of the hardiest, will thrive in full sun, but will tolerate moderate shade)
FOR SHADY LOCATIONS					
Douglas Fir Hemlock Yew (Hetzes and other native evergreen shrubs)	Summer-sweet Sweetshrub Witch-hazel Snowberry Coralberry Hypericum Blueberry Flowering Raspberry Sweetfern	ANNUAL Smilax Canary-bird Vine PERENNIAL English Ivy Euonymus Clematis Vitis (Grape)	Anemone Aquilegia Coralbells Bloodroot Myosotis Globeflower Spirea Bleeding-heart	Clarkia Cleome Euphorbia Primrose Gaillardia Myosotis Mimulus Nemophila Hehanthus Impatiens Lobelia Mignonette	Allium Trillium Lycoris
FOR DRY LOCATIONS					
EVERGREEN TREES SHRUBS	DECIDUOUS TREES	DECIDUOUS SHRUBS	PERENNIALS	ANNUALS	BULBS
Green Colorado Spruce Redcedar Junipers White Pine Scotch Pine Jack Pine Pitch Pine European Larch Laurel	Red Oak Birch (Amer. White) Black Locust Sassafras Witch-hazel Persimmon	Beach Plum Sumac Rose Bayberry and other species Sweetfern Witch-hazel	Asters Achillea Anchusa Blue Salvia Evening Primrose Erigeron Globe Thistle Lupines Verbascum Yucca Poppy (Oriental) Most rock plants	Sweet Alyssum African Daisy Asperula Calendula Minature Cal. Poppy Portulaca Sand Verbena Wall Gypsophila	Allium Cooperi Crocus (species) Daylily (hardy vars.) Narcissus: Stenbergia
WET OR MOIST LOCATIONS					
Arborvitæ Baldcypress Whitecedar Tamarisk Yew Canadian Yew Rhododendron Bog Kalmia Andromeda	Red (Swamp) Maple Green Ash Sour Gum Tupelo Willow Pin Oak Swamp White Oak Elm Linden Red Birch	Alder (various) Buttonbush Summersweet Bushy St. Johnswort Winterberry Pussywillow Osiers Blueberry	Cardinal-flower Beebalm Chelone Lobelia Boltonia Eupatorium Loosestrife Myosotis Iris (Blueflag) (Yellow-flag) Marsh Marigold	Anchusa Balsam Calendula Clarkia Cleone Euphorbia Impatiens Mignonette Myosotis Sweet Peas Stocks	Calla Caladium Begonia (Tuberous) Narcissus *Poeticus* Hyacinth *Fritillaria meleagris* Galtonia Leucojum

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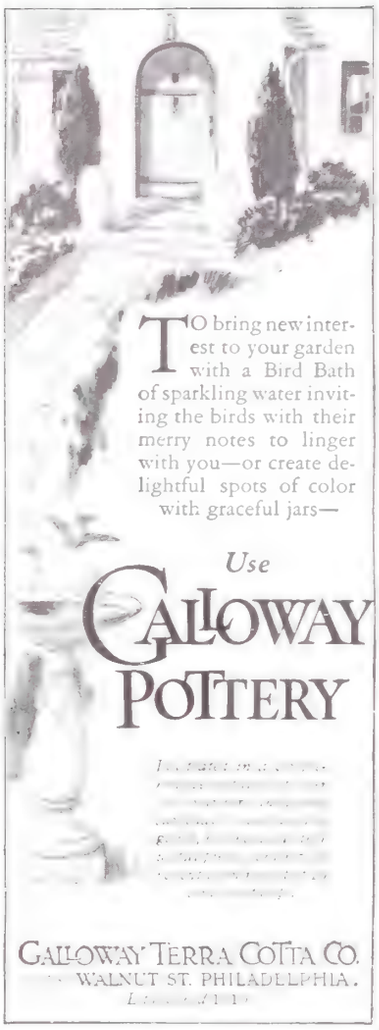
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THE GARDENER'S SCRAP BOOK

FOR ALL GARDENERS

INDOOR Ferns as a rule have few insect or disease enemies, but when they do get into trouble no time should be lost in taking effective remedial steps. This bit of advice, indeed, applies to all plants, whether growing in the house or outdoors.

Perhaps the commonest Fern enemy is scale on the stems or leaves. When the infestation appears the plants ought to be turned upside down (of course, holding the soil and roots so that they cannot fall out of the pots) and dipped in a pail filled with a mixture of one ounce of nicotine solution and one-half ounce of soap dissolved in water. After dipping, the plants should be kept in the shade for twenty-four hours. A weekly spraying with the same mixture is an advisable supplementary procedure.

In case the scale infestation has made much headway before discovery, it will be well to remove entirely the most affected fronds before administering the prescribed treatment.

SCALES ON WOODY GROWTHS

THERE is scarcely a month in the year when some sort of spraying is not timely on the country or suburban place, in order to control the insect enemies of flowers, vegetables, shrubs or trees. The season of growth is the busiest, of course, for that is when the bugs of various sorts are actually and actively at work. But there are certain kinds of spraying that can be done only when the plants are dormant. Chief among these are the applications designed to kill the San Jose and oyster-shell scale on fruit trees and some other deciduous plants, notably Lilacs.

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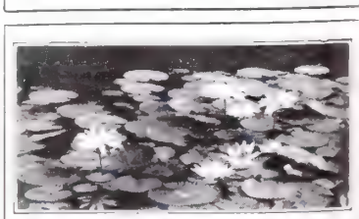
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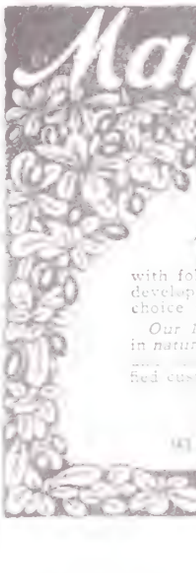


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The correct way to handle such bulbs is to keep them growing on in the pots until their leaves turn brown, providing water, warmth and sunlight just as though the flower stalks were still fresh. When the foliage changes color begin to water less and less until, about the time the leaves give way and fall, watering ceases entirely. After this store them, pots and all, in some dry and cool place until the month of October, when they may safely be planted ...

Bulbs handled in this way will gradually regain normal strength and ought to give normal bloom in the second season after being set out. They may produce some flowers the first spring, but these ...

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Ardmore Collection of Three Choice Varieties

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One Plant of each for $3

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The Entire Group for $6

New Catalogue of Water Lilies, plants for aquatic gardens, and hardy perennials mailed on request

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You can do it yourself, expertly and at small cost ...

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The New Kind of
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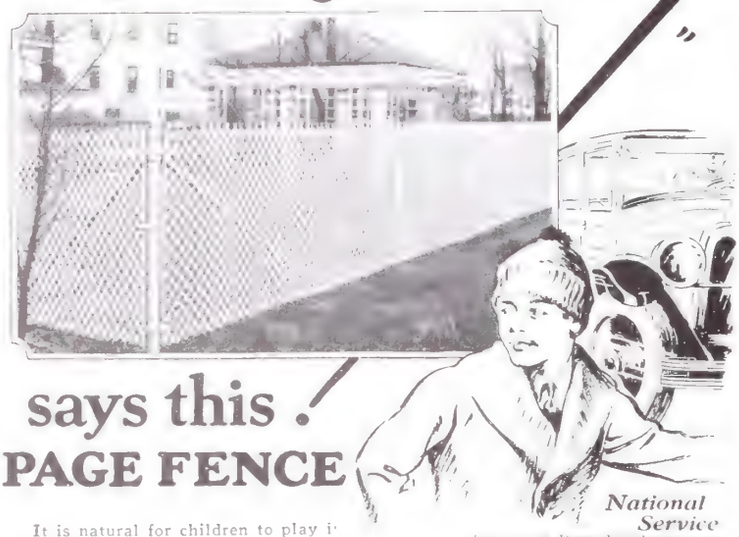
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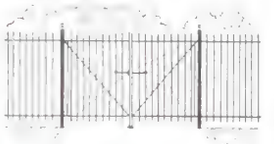
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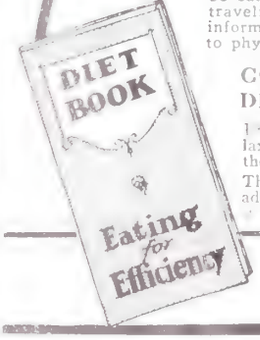
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A condensed set of health rules—many of which may be easily followed right in your own home, or while traveling. You will find in this little book a wealth of information about food elements and their relation to physical welfare.

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FREE — This book of suggestions on screening the home



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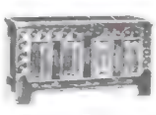
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Art Crafts Guild Travel Forum
Canadian National Railways
Clark's Famous Cruises

Conde Nast Travel Service (Cont.)

Los Angeles Steamship Co
Virginia State Conservation Commission

The Dog Mart

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Whitman's Candies

Gardening

Seeds, Bulbs, & Nursery Stock

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Bristol Nurseries
Burpee's Seeds
Chen's Water Lilies
Ferry Hill Creeping Bent Grass
Peter Henderson Seeds
Johnson Water Lilies
Maxfair Nurseries
E. C. Robbins Rock Garden
Scott's Creeping Bent
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Texas Cacti Co.
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Waite's Gardens
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Anchor Fences
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Cyclone Fence
Dodson Bird Houses
Dubois Woven Wood Fence
Galloway Pottery
Hartman Sanders Garden Furnishings
Mettowee Stone Flagging

Gardening (Cont.)

Gardening Miscellaneous

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Fungtogen Fungicide
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Berkey & Gay Furniture
Charlotte Furniture Co.
Hale Beds
Hampton Shops
Kittinger Distinctive Furniture
Leavens Furniture
Lightolier Galleries
Murphy-In-A-Door Beds
Nahon Furniture
Stickley Early American Furniture
Tiffany Studios
Winthrop Furniture

House Furnishings (Cont.)

Interior Decorations

B. Altman & Co.
Brenlin Window Shade Material
Carbone Italian Decorative Arts *Facing*
de Sherbinin Parchment Lamp Shades
Directory of Decoration & Fine Arts
Hampton Shops
Wm. H. Jackson Co.
Lugtabel Galleries
Lloyd Wall Papers
Lord & Taylor Modern French Decorations
Roseville Pottery
Thomas Strahan Wall Papers
Wm. I. Sloane
Thibaut's Wall Papers
Tiffany Studios
Tontine Window Shades *Facing*
Wall Paper Mfgrs. Ass'n. *Facing*

Kitchen & Laundry Equipment

Alberene Stone Laundry Trays
Bohn Syphon Refrigerators
General Electric Refrigerators
Gibson Refrigerators
Kitchen Aid Electric Food Preparer
Porce-Namel Kitchen Furniture
Walker Electric Dishwasher-Sink
White House Kitchen Line

Household Textiles

Cannon Towels *Facing*
Irish & Scottish Linen Damask Guild
Kentucky Cottage Industries
Wamsutta Sheets & Pillow Cases

Miscellaneous House Furnishings

Bassick Casters
Brenlin Window Shade Material
Hall's Bedding
Hartshorn Shade Rollers
Johnson's Polishing Wax
K-V Clothes Closet Fixtures
Simmons Beds-Springs-Mattresses
Sani-Flush
Tontine Window Shades *Facing*
Vernay Furniture Cream

Radiator Cabinets & Enclosures

Mullins Radiator Enclosures & Shields

Silverware

International Sterling Silver
Towle Sterling Silver
Treasure Solid Silver

Wall Papers

Thibaut's Wall Papers
Thomas Strahan Wall Papers
Wallpaper Mfgrs. Ass'n. *Facing*

Jewelry & Gifts

Black, Starr & Frost
Tiffany & Co.

Miscellaneous

Battle Creek Health Builder
Boston Cooking School Magazine
Health Extension Bureau
Kathryn Murray Facial Exercises
Oshkosh Trunks

Motor Boats

Chris Craft Runabout

Musical Instruments & Radio

Baldwin Pianos
Federal Ortho-sonic Radio
Orthophonic Victrola
Steinway Pianos *Back Cover*
Wurlitzer Grand Pianos *Facing*

Real Estate

Real Estate

Schools & Camps

Page
Shoppers' & Buyers' Guide

Toilet Goods

Caron Perfumes
Guerlain's Perfumes
Isabey Perfumes
Woodworth Face Powders & Perfumes
Yardley's Lavender Soap *Facing*

Tobacco & Cigarettes

Camel Cigarettes *Facing*
Lucky Strikes

Wearing Apparel

Fleisher's Yarns
Grande Maison de Blanc

the possibility of an occasional change or omission in the preparation of this index

YOU ENTERTAIN ...
... Good Things to Eat ...
... will find excellent ...
... recipes in ...

nerican Cookery

... Magazine ...
... and authority who tells you ...
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...olate Pie-Iced"
"Cream of Asparagus Salad"
...le Box Cake



... Cookery Steel Magazine ...
... Ave. ... Boston, Mass.

8 Letters That Spell
Good Luck
To Your Heating

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ONCE the most disagreeable household task—cleaning the toilet—it is now the easiest. Just sprinkle Sani-Flush into the bowl, following directions on the can, and ... Stains and incrustations ...pear. Odors vanish. Sani-... leaves the toilet as clean as ...u scrubbed and scalded it. ... is harmless to plumbing. ...o a can handy all the time. ...y Sani-Flush in new punch-...con at grocery, drug or hard-... store, 25c. *Canada*, 35c.

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Your
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Kathryn Murrays 5 Minute-a-Day
FACIAL EXERCISES

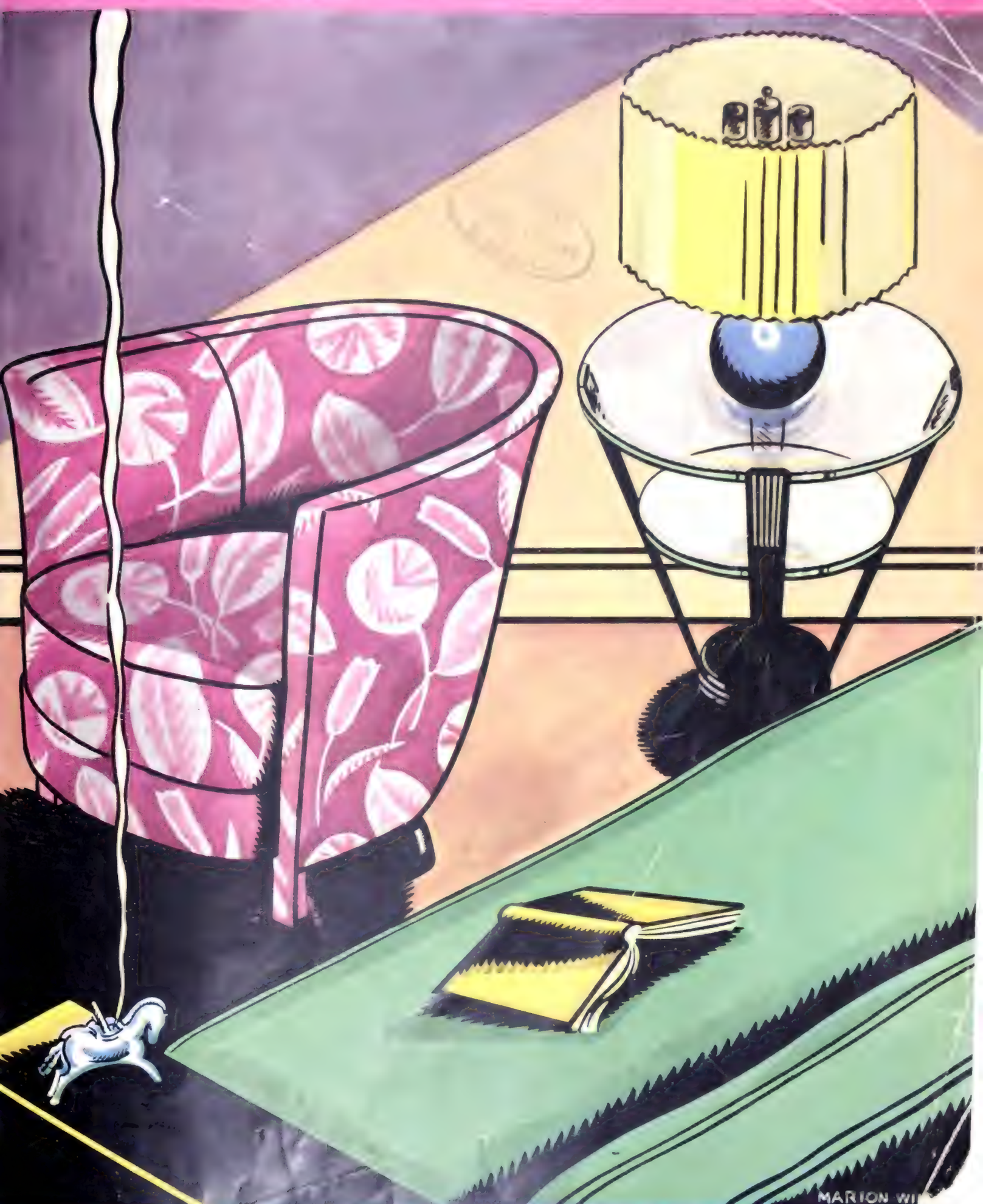
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HOUSE & GARDEN



Interior Decoration Number

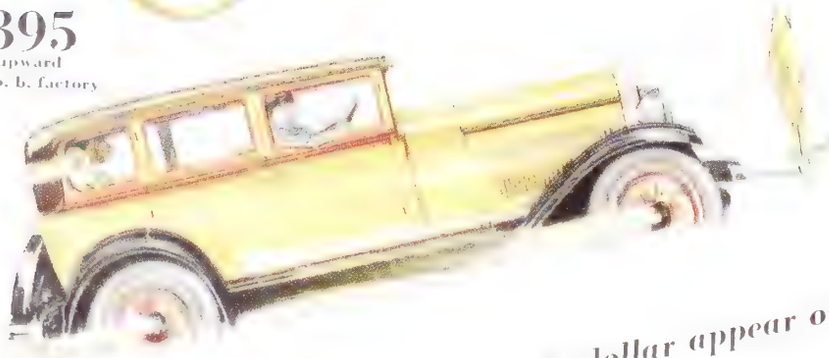
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68

$1395
and upward
Prices f. o. b. factory



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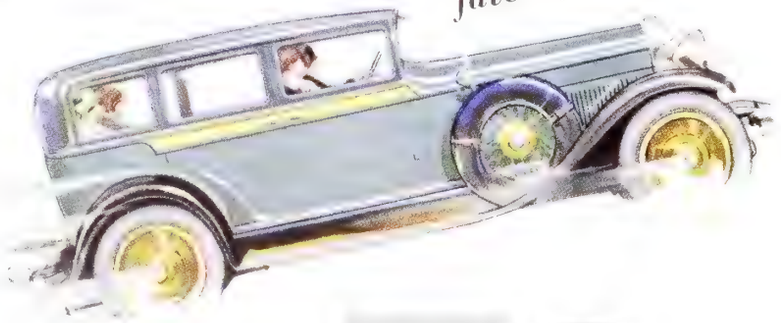
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DYNAMIQUE CREATIONS

New Cretonnes for Spring, 1928



If the decoration of some room puzzles you, let our interior decorating staff help you. Estimates submitted for residences, club-rooms, apartments, hotels, showrooms, etc.

EVEN before the first flower peeps timidly out of its coverlid of snow, the modern woman is having her home put in tune with Spring. And Cretonnes have a fresh colorfulness which helps work the transformation. Slip covers, draperies, cushions — the list of uses for Cretonnes is almost endless.

Liberty Cretonnes are justly famous for their lovely colors and distinctive designs. A wide range of patterns that are perfectly at home in American interiors.

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McCutcheon's

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320 Tower Court
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SHERATON MAHOGANY FURNITURE
BY KENSINGTON

THE introduction of mahogany for general use as a cabinet wood was a very considerable influence in the extraordinary advance in the art of cabinet making which took place in England in the last half of the 18th Century. The close grain, beautiful figure and color of the wood were an inspiration to the designer, and invited and certainly rewarded the highest skill of the cabinet-maker, carver and finisher.

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*

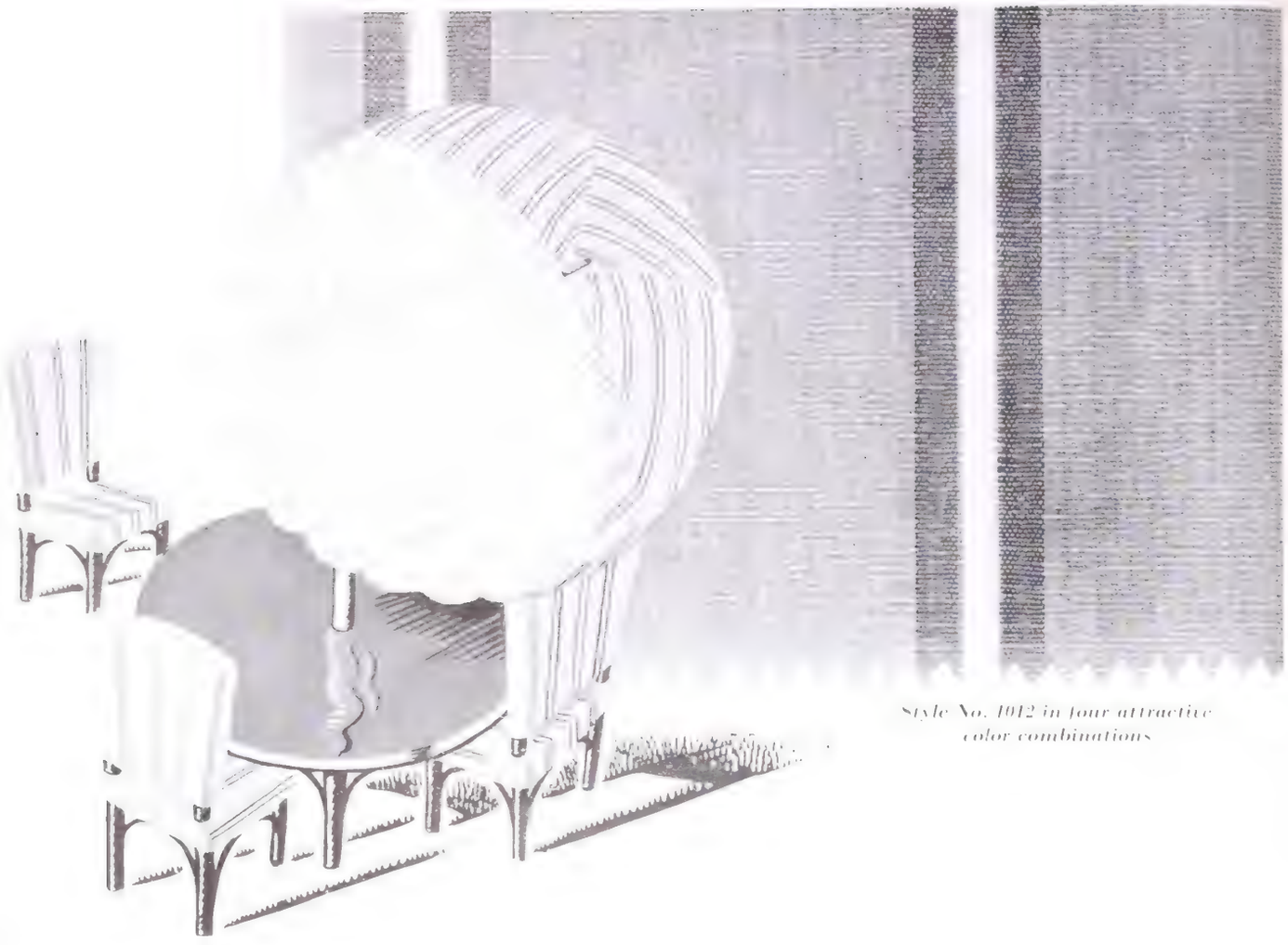
Kensington Furniture is made in all the decorative styles appropriate for American homes.

The purchase of Kensington Furniture may be arranged through your decorator or furniture dealer.

KENSINGTON COMPANY

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Style No. 1012 in four attractive color combinations

Sunproof. . Rainproof. . Mildewproof
a *real* porch fabric

DON'T worry about the sun—it cannot fade a fabric finished this new way. Never mind the rain—these Lancaster Fabrics are waterproof. Don't fear the muggy weather—not even mildew will affect this new finish.

This remarkable finish, now applied to Lancaster Stayso Slip Cover Cloths and Dobby Denims, gives these standard fabrics a score of new uses. It makes them ideal for porch and terrace furniture, for awnings and beach umbrellas, for bathing capes and bags. Yet it retains all the fresh coloring of the fabric itself, adding to its durability, usefulness, and beauty.

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If your merchant does not carry Lancaster Stayso Slip Cover Cloth and Dobby Denim, write us and we'll send you samples and tell you where you may be served. Please let us know the dominant color you would prefer.

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BUICK





Lincoln Convertible Sedan—by Dietrich

Modern custom body designing has achieved a striking triumph in the originality of this double-purpose car. Its long, low lines are extremely modish as well as beautiful. No closed car could provide more freedom of vision for both driver and passengers, yet the enclosed rear quarter adds a touch of desirable exclusiveness. The top folds back compactly, changing the sedan into an open phaeton. When used as an open car the windows serve as side windshields, while the glass partition between the two compartments becomes a tonneau windshield. The balanced excellence of Lincoln performance—effortless power and speed, silent smoothness and ease of control—is especially appreciated in a car of this type.

L I N C O L N M O T O R C O M P A N Y

Division of Ford Motor Company

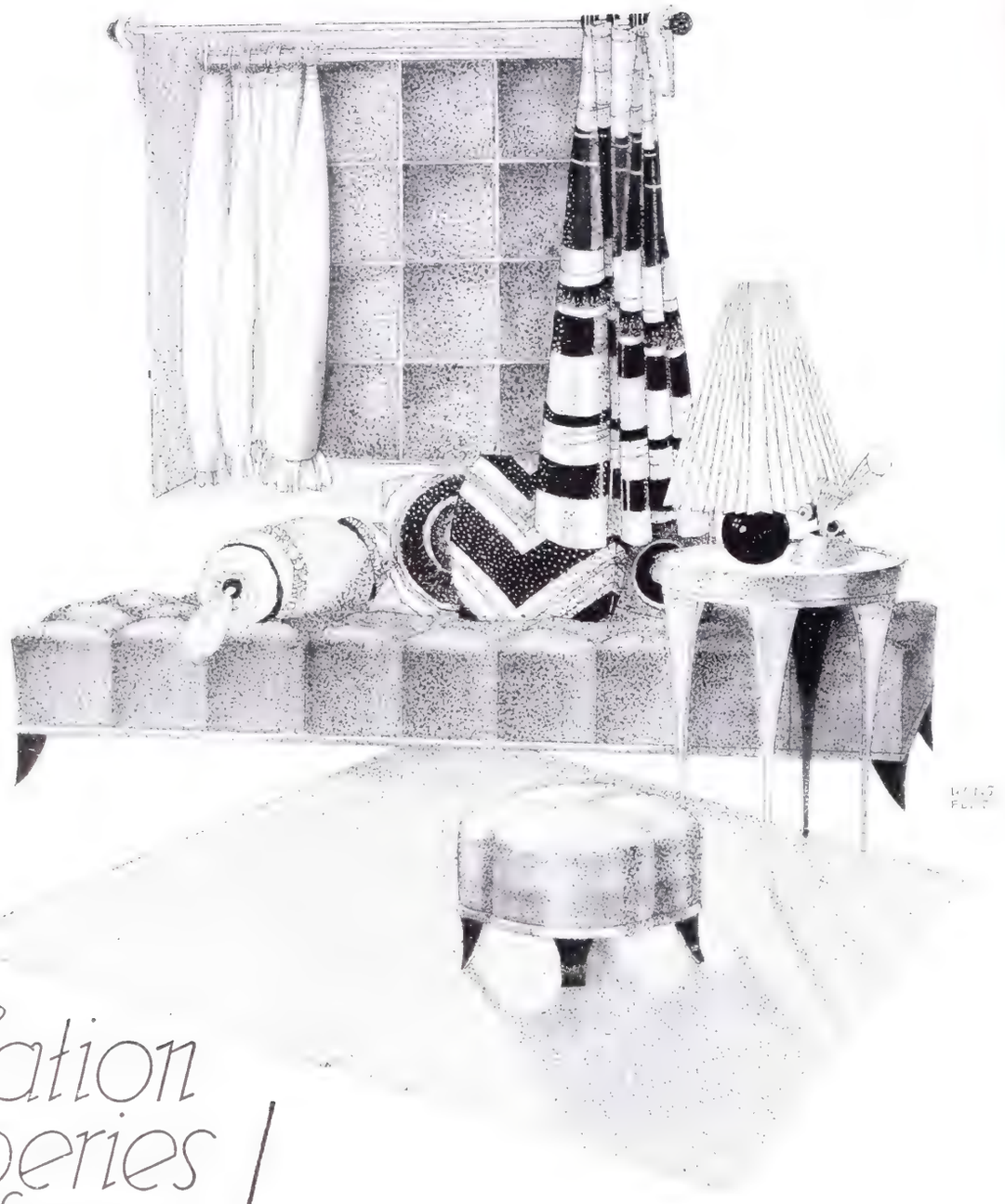


NAEGELE PLAYS ONLY THE BALDWIN

Throughout His amazing range of [illegible] from the primitive vigor of his dy[illegible] softly purling gentleness of his poetic phrasing, the Baldwin responds as does no other piano. ¶ "The artist finds magic at his finger-tips," says Naegele — and it is equally true of the Baldwin in the home, where marvelously responsive action, superb tone and beauty of design create rare pride of ownership. ¶ Grands at $1450 and up, in mahogany. ¶ Request a demonstration — today — from the n[illegible]

THE BALDWIN PIANO COMPANY
CINCINNATI

Baldwin
PIANO



A revelation in draperies for the home!

These draperies offer more in beauty and value, than any other draperies in the world.

In their variety of weave, color and design, and in their exquisite period motifs, you can choose complete harmony for every decorative need in the home. In their yarn and texture is a sturdiness that endures. In the *soul* of the fabric is a natural draping quality that makes for graceful, softly molded folds.

Their unique processes of construction and finish, cause them to shed dust and dirt and remain clean and fresh even when city soot is at its worst. Yet they are "wash fabrics de luxe". They can be laundered again and again, without yielding a whit of their original lustre and life. Compared with fabrics that cannot promise half their long life and advantages—their price is a revelation and their lasting service a welcome economy.

LESHER ANGORA MOHAIR DRAPERIES are woven of selected angora mohair yarn, by the Goodall Worsted Company of Sanford, Maine. They are the standard of excellence—in fine homes, clubs, de luxe hotels and great institutions. For years they have been the choice of decorators whose judgment is unquestioned.

An interesting little brochure written by a well-known authority will be sent you free on request. It describes LESHER MOHAIRS in full detail and brings you a world of helpful information concerning the Home Beautiful. Be sure to write for it.

Demand Lesher Mohairs by name! Your own decorator or favorite store can supply them. When in doubt, communicate with us.

Lesher Mohairs are a Goodall Product

Lesher, Whitman & Company, Inc.

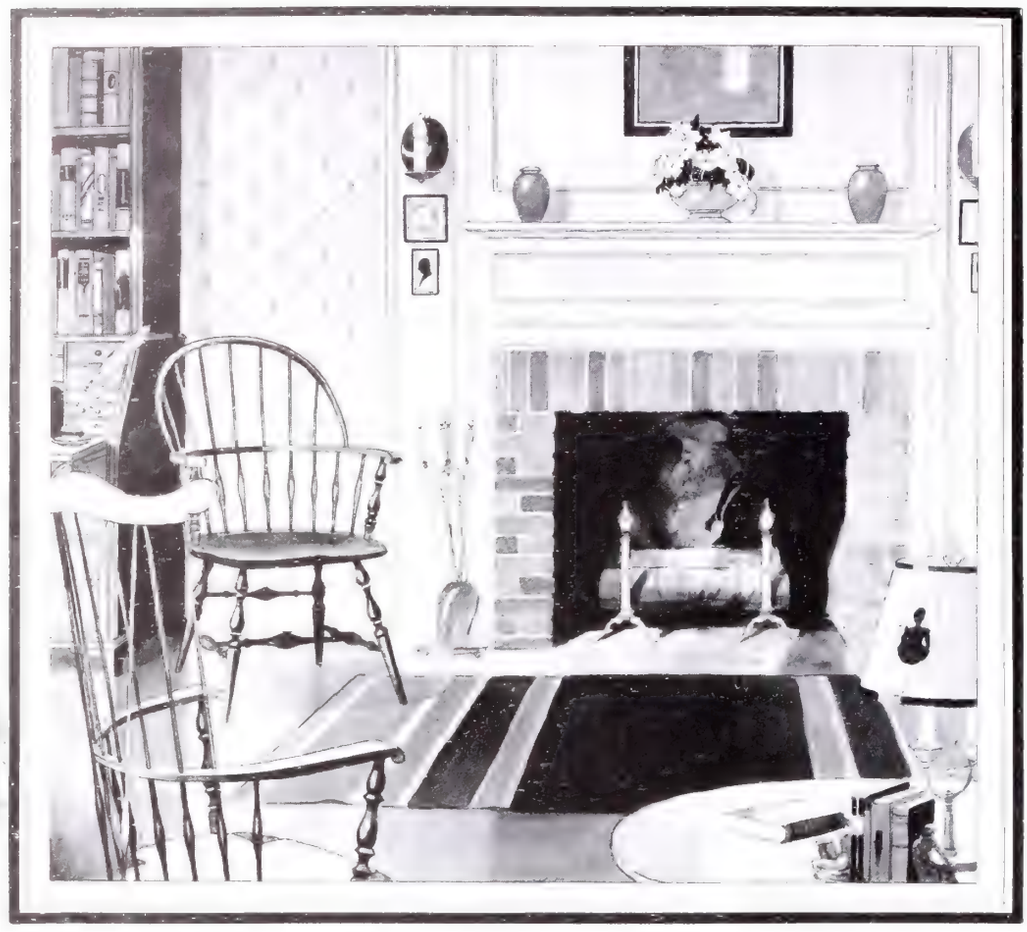
EIGHT EIGHTY-ONE BROADWAY, NEW YORK CITY

Hampton Shops



THERE is a permanent beauty in walls of finely proportioned paneling of oak or walnut that gives a room an air of splendid dignity. And such a wall treatment provides a perfect milieu for furniture that is either veritably antique or skilfully reproduced. For there is indeed something indisputably appealing in the work of fine joiners and cabinetmakers: there is richness and depth in the soft tones of well-finished wood . . . . Frequently do the Hampton Shops decorators make use of paneled backgrounds in the interiors they create for their clients, using either authentic and historic rooms of the Old World for their models, or else developing new and fresh designs from their own inspiration. Within such rooms furniture takes on a new and truer elegance, fabrics gain an added value, harmonies of color assume new subtleties. A visit to the Hampton Shops will show you how truly this is so, for here are many completely developed interiors, full of suggestion for the designing or arrangement of the most important type of modern house

EIGHTEEN EAST FIFTIETH STREET, NEW YORK



WINDSOR
Arm Chair
2005-5

GOV. BRADFORD
Arm Chair *Flagg Seat*
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Friendly Chairs

TWENTIETH CENTURY comfort and Seventeenth Century charm are united in Nichols & Stone Windsor Chairs. The gracious lines and capacious comfort of old Colonial originals have been preserved and re-created *in volume* by the largest and oldest makers of Windsor Chairs. Thus the beauty and dignity of Early American craftsmanship are made available at very moderate prices. And with true Colonial tact and courtesy—N & S Windsors harmonize perfectly in *any* room and for *any* use.

The better furniture and department stores feature N & S Windsor Chairs. The name and address of a nearby dealer will be sent you gladly on request.

NICHOLS & STONE CO.

THE HOME OF WINDSOR CHAIRS

Gardner Windsors *Mass'tts*

Free Booklet

"COLONIAL Charm In The Windsor Chair" is a captivating little booklet on Windsor Chairs and their appropriate uses. Write for free copy to Department W.

AMSTERDAM

Butterfly Table
518-0

JOHN HANCOCK
Ladder Back
Flagg Seat
2022-1

WINDSOR
Cricket
2011-W

HITCHCOCK



...Beautiful Living Room Furniture to Gladden the Glowing Hearth

...Duncombe and comfortable ... 000 000 ... glow of a ... ... of romance ... ... engendered by beautiful ... ... fireside group by Kittinger ... ... able 18th Century ... ... lines ... a small but ... ... in solid Walnut ... ... Charles II design ... a 17th Century Walnut desk patterned ... ...

Only the finest of solid woods ... principally Honduras Mahogany and American Walnut ... are worthy of such design and workmanship ... ... parts enter into Kittinger Furniture ... furniture of heirloom quality to be cherished for ...

A single piece of Kittinger furniture can add new interest and beauty to your living room ... a carefully selected group will give it new dignity. And the cost, because of Kittinger production methods, is far less than is usually expected.



Kittinger Furniture

KITTINGER

Distinctive Furniture

The SMALL



Louis XVI Marble Mantel in the Living Room of Mr. Adolph Zukor's apartment at the Savoy Plaza Hotel, New York. (Herts Bros., New York, decorators.) The Cove Frame, Andirons and Magicoal Grate—all to match the Mantel—were also furnished by the House of Jackson.

WM H. JACKSON COMPANY

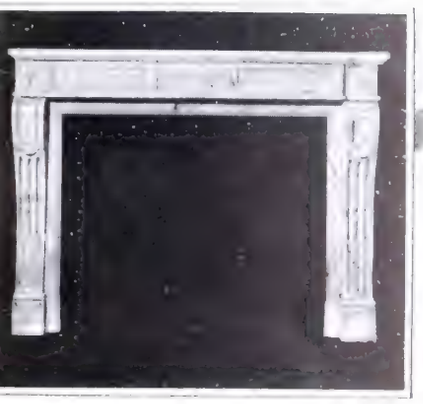
ESTABLISHED IN THE YEAR 1827

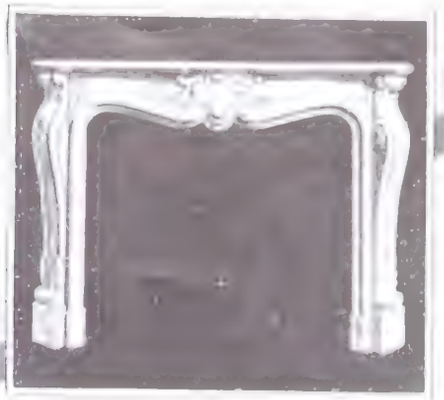
2 WEST 47TH STREET NEW YORK

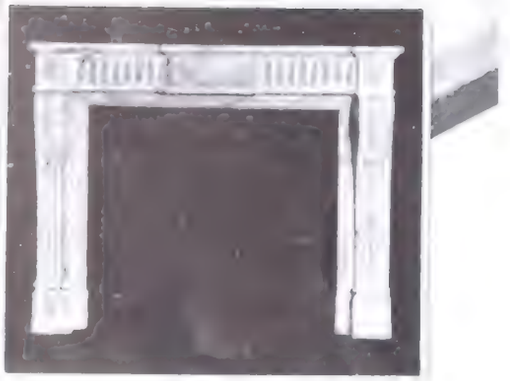
318 N. MICHIGAN AVE. CHICAGO

THE OLDEST HOUSE OF ITS KIND IN AMERICA

RENCH MANTEL







~and its place in the modern home~

THE small French Mantel again rides the crest of popularity. This revival is directly attributable to two distinct causes, both rooted in present-day trends of architecture and interior decoration. On the one hand, modern low ceilings give rise to the necessity of furnishings capable of imparting an illusionary aspect of *height*. And because the French Mantel *is* low it successfully accomplishes this purpose. The other reason for its return to favor is the current wide use of French Period motifs in designing and decorating interiors. So essentially a part of this is the small French Mantel that it usually becomes the "focal center"—the object around which a room is furnished.

This House offers, in a great variety of beautifully carved Period designs, the small French Mantel. A few of them are illustrated on these pages. All of the designs embraced in our collection may be had in any of the well-known kinds of marble for as low as $175. They can be seen at either our New York or Chicago shops, but if preferable we will send photographs and an outline of our service. These can be sent to you direct or to your architect or decorator. Address us at New York, Dept. HG.

WM. H. JACKSON COMPANY

NEW YORK

CHICAGO

ESTABLISHED IN THE YEAR 1827

THE OLDEST HOUSE OF ITS KIND IN AMERICA

THERE IS BEAUTY IN PIANOS, TOO



This Art of an Emperor revived for you

NOW you can have BEAUTY, too, in piano design. For Everett has created a new vogue in home decoration through its lovely ART-DESIGN pianos.

Here, today, in these small and exquisite Grand pianos of period design lies your opportunity to set your home apart from all the rest—and Everett alone makes this possible!

Pictured for you above is the Castilian Everett Grand—expressing in every rich, warm line and tone the a of Spain at the height of its grandeur. And this bea tiful adaptation of the art of the court of Emper Charles V is but one of a series of beautiful pian that await your inspection at the nearest dealer's.

Everett tone will thrill you with its depth, richne and purity. In addition, Everett has now developed th priceless touch of elegance, of beauty, of smartne that enables you to bring a new distinction to your hom

With seats by Everett to match each piano.

[illegible] with the best [illegible] of Everett models upon [illegible] of their [illegible]

EVERETT PIANO COMPANY
SOUTH HAVEN, MICHIGAN
Boston New York Chicago

Everett Grand Pianos

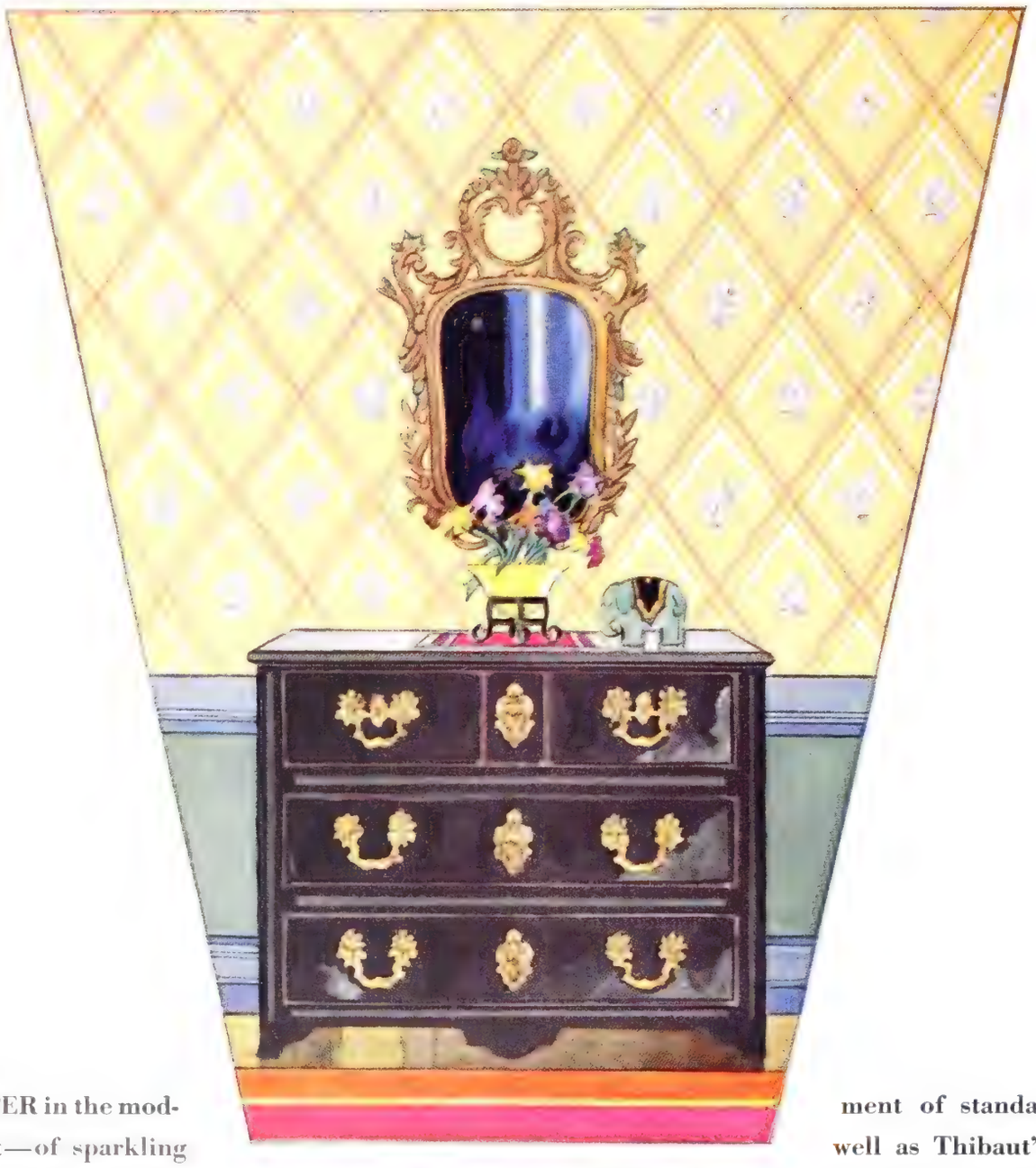
AN EXCLUSIVE CONTRIBUTION TO MODERN HOME BEAUT

BEAUTY GLORIOUS COLOR



BIGELOW-HARTFORD

RUGS & CARPETS



a unique service in decoration

with the compliments of Thibaut

WALL PAPER in the modern spirit—of sparkling design and vivid color—is supplanting dull, one-color surfaces. To this gladly-welcomed movement in decoration, the House of Thibaut brings a national service of timely importance:—

Skilled counsel in the use of modern wall paper motifs. Exclusive Continental designs in the modern mode. Nation-wide representation. The latest and finest of papers at gratifyingly low prices made possible by our international connections. A complete assortment of standard papers a well as Thibaut's "Designs Today"—in correct styles.

Thibaut's newest papers ar stocked and recommended b the distributors listed at the foo of this page and by decorator generally. They appeal to th famous metropolitan decorator n less than to the home owner o taste. If Thibaut papers are no displayed near you please write to us for full information in regard to them. Address: Richard E. Thibaut, Inc., 24 West 40th Street, New York City.

Buffalo . . . . . Ralph G. Butler			Philadelphia . . . Kayser and Allman
Chicago . . . . . W. P. Nelson Company	Hartford . Johnson Paint & Wall Paper Co.		Pittsburgh . . . . . John Dewar
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What You Really Can Do with Your Living Room







avens' Plan of Buying rniture gives you Delight-Opportunities to Express ur own Ideas of Color Harmony

ery woman wants her living room ave an atmosphere of relaxation, ulness, beauty and individuality. For living room is the center of the e—a daily meeting place for friends family. Here the hostess appreciates alue of selecting furniture stained, ed or decorated with the right s and shades; knows, too, how diffi- t often is to find the exact color to harmonize with the interiors or ome. Leavens "Finished to your r" plan appeals to the discriminat- voman.

rough Leavens you enjoy the luxury of ing your own color or finish. Skilled follow your instructions—matching ine and color your own ideas. If you have some particular interior decorating problem, some effect desired, the Leavens' artists and decorators will work with you, suggesting, if you desire, the color motif best suited to your needs. Your range of color selection is the rainbow. You hold the spectrum as your palette. Jade Green, Black, Antique Mulberry, Chinese Red, Ivory, Antique you will.

Perhaps you would like some particular decorative design. Colors or decorations—simple or ornate—are yours to select. All you do is pick from the Leavens Catalog the piece or pieces you want and tell us how you want them finished—stained, painted or decorated. For those who do their own painting, Leavens' furniture may be secured unfinished.

ing of Trestle Table, Cogswell Chair and Ban- duction of the Colonial, is stained in old aple. The Cogswell Chair is upholstered in popular at this time. The facings of back and seat are in Chinese Red tapestry figured with floral designs in green, gold and mulberry.

The new Leavens Catalog describes the plan of ordering furniture unfinished, furniture stained or furniture painted and decorated. It is fully illustrated, showing beautiful Windsor Chairs, Tables, Desks and other small pieces, as well as Breakfast Room and Chamber Furniture. If you would like this Catalog, please write your name and address plainly on the line below and mail to William Leavens & Co., Inc., 32 Canal St. (Dept. G-4), Boston, Mass.

LEAVENS *Furniture*

Address

I am charmed by the Pine Tree Silver

Margaret Belmont
(MRS. MORGAN BELMONT)

This design is a truly stimulating departure from conventionalized themes -

A H Vanderbilt
(MRS. W. K. VANDERBILT)

INTERNATIONAL SILVERSMITHS
HAVE CREATED A MODERN AMERICAN DESIGN
IN STERLING · · ·

The PINE TREE PATTERN



WHAT is this spirit of modern America?

It is restless, intolerant of cramping dictates. It is expressi itself in art, literature, music, in sculpture and architecture; in fab design and home decoration.

You see on the opposite page a new design in silver. It is no rearrangement of classic elements, but the bold development of uniquely appropriate theme that is native of America.

The pine tree. Its roots are deep in this country's life. Like sterli silver, it is unaffected by the seasons and the years. Like sterling, to it combines usefulness with beauty.

Examine the detail of the exquisite pine cone border on the silv — a foil for the unadorned areas. Note how the flowing outli suggests the upward sweep of the tree.

On the back of each piece of flatware you see the primitive ima of the pine tree, exactly as it appeared on the Pine Tree Shilling- the first silver coin minted in America. This figure of the pine w therefore our first mark of sterling silver, and now it brings i original significance to the new pattern which it decorates.

This contrasting of strength and grace — the literal figure fro the coin against the suave contour produced by today's craftsma ship — expresses a freedom from narrowing precedents that is, i deed, in the spirit of modern America.



The

PINE TREE

PATTERN

INTERNATIONAL

STERLING

TIONAL INFORMATION . . .

e Tree teaspoons, $11. Twenty

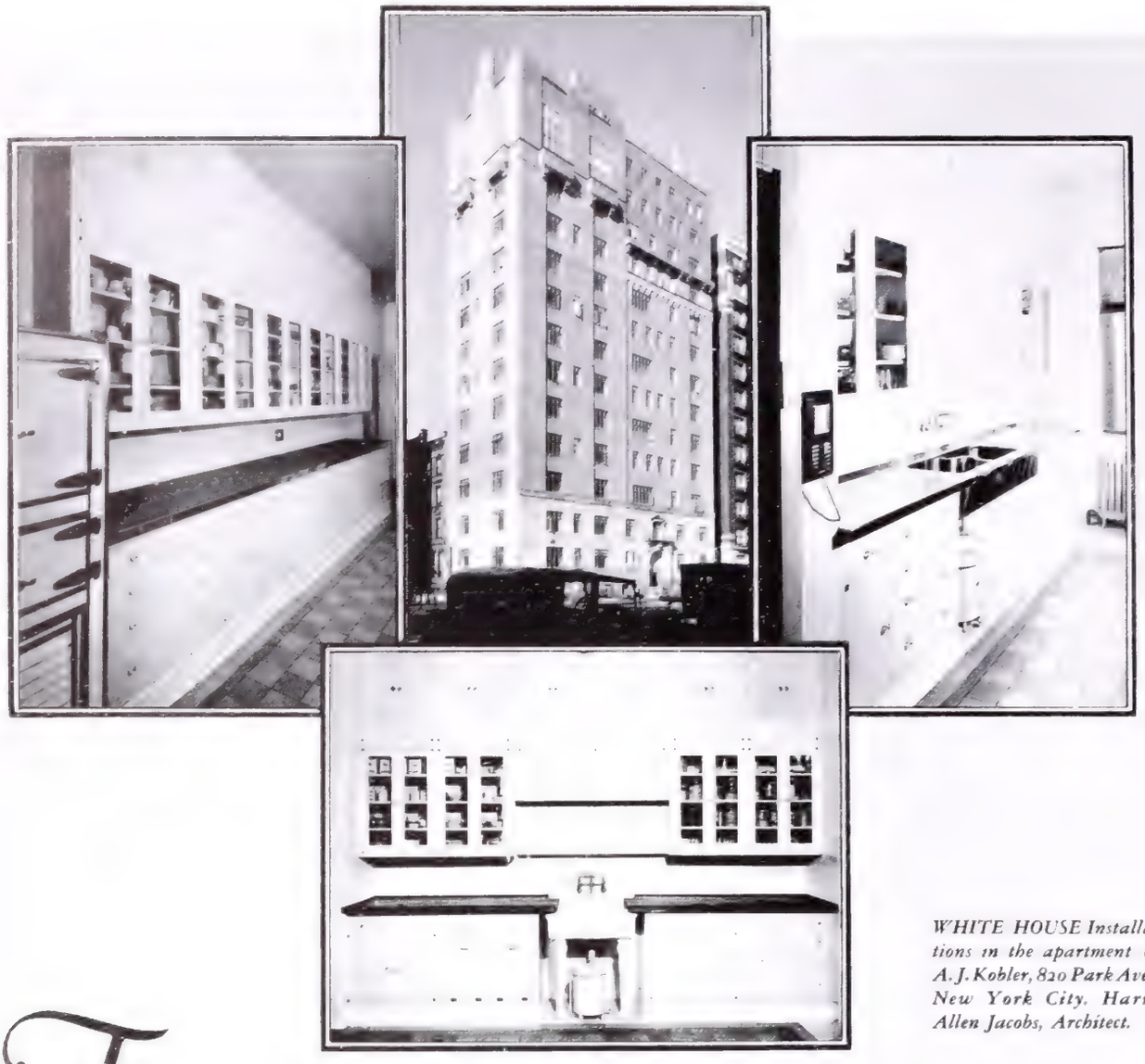
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H. A. K. & Co.



WHITE HOUSE Installations in the apartment of A. J. Kobler, 820 Park Ave., New York City. Harry Allen Jacobs, Architect.

The Choice of owners of the

FINEST TOWN *and* COUNTRY HOMES

AFTER having compared WHITE HOUSE Units — made entirely of *steel* — with other types of kitchen and pantry equipment, you will see why architects and owners of fine homes are unhesitatingly specifying these beautiful, enduring units for immediate installation.

Though costing a trifle more than old-fashioned wooden installations, they effect a real ultimate saving. Finished with three coats of baked enamel—white or in Color. Absolutely sanitary and easy to keep spotlessly clean. Any space may be filled simply by combining units. Send in your plans for sketch and estimate.

For further information in regard to special installations as shown above, write for gray catalog.

For information on WHITE HOUSE Standard Units, write for green booklet.

The WHITE HOUSE *Line*

is made of Steel!

JANES & KIRTLAND, INC. *Established 1840* 101 Park Avenue Dept. A New York City



in beautiful homes

beautiful homes, the dining
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hospitality and social activity.
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nctively the importance of truly
stinguished furniture.

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re has been built with the
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ctions that discriminating people
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en identifies each Limbert crea-
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ings and experienced dealers will tell you that this mark is a dependable guide to authentic design, careful craftsmanship, enduring beauty and sound value.

The Limbert Hostess Book is an attractive little volume on the traditions of gracious dining. It touches helpfully on many of the questions which interest the modern hostess and outlines some of the things to look for in selecting furniture for the well appointed dining room.

Let us send you this interesting book together with the name of a Limbert dealer near you.

CHARLES P. LIMBERT CO.
Holland and Grand Rapids, Mich.

LIMBERT *Furniture*
by VAN RAALTE CRAFTSMEN

Screens of Anaconda Bronze

for Comfort Durability Economy..



WHEN you have equipped your home with screens of Anaconda Bronze Wire, you will quickly realize the many advantages. The whole house will look better with bright new screens that stay trim and taut . . . and that is not all. Bronze screens will last—not for a year or two, or for ten years—but for twenty-five or thirty . . . protecting your home, conserving its beauty, and saving money for you every year.

Screens are necessarily woven from fine wire. If iron or steel is used they will rust out all too quickly, sometimes within two years. Paint and other coatings give only temporary protection. To meet the need for a strong, rust-proof screen material, The American Brass Company developed Anaconda Bronze Wire (strengthened copper). And today this material is recommended and used by custom screen makers the country over.

Yet Bronze screens are not expensive. They can be used for windows and doors at a cost of from 25 cents to 75 cents more than iron or steel. For the average eight-room house, Bronze screens cost about $18 more than rustable screens. This slightly higher first cost is soon saved, as careful estimates show that rustable screens cost about $7 a year for repairs and replacements while such an installation of Bronze Screens will last indefinitely without this expense.



This economy and long time service is made possible by the painstaking methods developed, during more than a century of manufacturing experience, to safeguard the quality of Anaconda Bronze Wire. The American Brass Company is the world's largest producer of both copper and bronze wire for screens but recommends bronze because of its greater strength and lasting stiffness.

Rust-proof the entire house

For only about $450 more than the cost of corrodible metals, the average $15,000 house can be completely rust-proofed . . . with water pipes of Anaconda Brass . . . with flashings, rain pipes and gutters of Anaconda copper . . . with screens of Anaconda Bronze . . . and with hardwa of solid Anaconda Brass or Bronz This modern rust-proof equipment pa for itself many times over, and alwa proves an added attraction when th house is sold. Write to our Buildin Service Department for our new, fr booklet, "Rust-proofed," or for any facts and figures you may require. The American Brass Company, General Offices, Waterbury, Connecticut.



Installed at the same time, in [illegible] builders, the Anaconda Brass [illegible] in perpetual solution, [illegible] its value [illegible] steadily [illegible] roofing [illegible] the years [illegible] its initial cost [illegible]

ANACONDA COPPER

BRASS ANACONDA BRONZE

It is wasteful to use corrodibl metal for rain pipes, gutters an roof flashings. Constant exposu quickly ruins them. They shou always be made of Anaconda Copp for life-long service, real economy an for added permanent values. Th extra cost is surprisingly moderate

The Swing to Indiana Limestone in 1927



Some recent important buildings for which "The Nation's Building Stone" was furnished by the Company

Soldiers' and Sailors' Memorial Bridge,
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D. C.

Entrance, Cass Technical High School, Detroit, Michigan

THE accompanying list gives but a representative selection of the many Indiana Limestone buildings throughout the country constructed or in process of construction during the year 1927.

Year by year the use of this fine grained, light-colored natural building stone increases. The success of prize winning buildings has demonstrated beyond question that structures of quality and artistic merit attract tenants, and are in various other ways distinctive business assets.

The majority of the prize-winning buildings in recent years have had walls of Indiana Limestone. The architect, as of years gone by, regards stone as his finest medium of expression.

Most of the Indiana Limestone used in these buildings comes from the quarries of the Indiana Limestone Company, Inc. This company is a consolidation of 24 of the oldest and largest quarrying organizations.

3 practical advantages of Indiana Limestone as given by leading building authorities

1

talled buildings.

2

3

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Dept. 750, Service Bureau,
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Please send me your illustrated booklet on Indiana Limestone. I am interested particularly in buildings.

Name

Address

INDIANA LIMESTONE COMPANY

General Offices: Bedford, Indiana

By Adopting One Convenience

THEY HAD *MONEY* FOR SEVERAL

HAD the youthful home-builders not learned about Murphy In-a-Dor Beds they probably would not have built their home. They would have given up too many conveniences to bring the home within the price they could afford to pay.

Now they revised their plans. With Murphy In-a-Dor Beds, they did away with two rooms, yet kept the same accommodations. The change meant less housekeeping and lower upkeep expense.

Best of all, the Murphy In-a-Dor Beds cut the building cost over two thousand dollars and saved the cost of furnishings for two rooms. Back into their plans went the heat regulator, the clothes chute, the electric refrigerator and other labor saving devices. Murphy In-a-Dor Beds necessitated no changes in their furnishing scheme. Among many authentic styles and beautiful finishes they found full and twin size beds that fitted their ideals exactly.



Where to fit an In-a-Dor Bed—the Murphy



BOOK FREE

Should you visit this home now, you would not see, either in the living room or in the bo playroom, any evidence th behind one of the three-fo doors there stood a Murp In-a-Dor Bed, ready to sw into the room from its co cealing closet and be lo ered at the touch of a ha to solid rest upon the flo

Twenty-four hour use f space is modern practice i home building, whether t building be for one family a hundred. Less to bui heat, furnish and maintain yet no reduction in accomm dation. Even the closet co cealing the Murphy In-a-D Bed is always accessible f use as wardrobe or dressi room.

MURPHY DOOR BED COMPA

THE MURPHY IN-A-DOR BED

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Denver, Colo. . . . . 1554 Stout St.
Miami, Fla. . . . 234 Columbia Bldg.
St. Louis, Mo. . . . 315 N. 10th St. 7th Fl., Kresge Bldg.
Birmingham, Ala. . . 515 N. 21st St.
Cleveland, Ohio 1140-42 Hanna Bldg.
Dallas, Texas . . . 1913 Pacific Av
El Paso, Texas . . Neff-Stiles Bldg.
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The Most Beauty at the Least Cost

IN all the decoration of your home there is no single item that adds so much beauty at so little cost. A well-chosen wallpaper gives that touch of individual charm to a room that, without it, might seem too coldly correct.

Selected Wallpapers, carefully chosen by The Service Committee of The Wallpaper Manufacturers' Association, have now been made available for rooms and homes of all types. As a practical aid in making the right choice, a handsome Portfolio, containing color illustrations of typical [illegible] of these beautiful SELECTED WALLPAPERS, will be sent to any homeowner.

These papers are widely distributed so that they should be readily secured through any wallpaper dealer in any part of the country.

The range of price is sufficiently broad so that you may depend upon finding a good wallpaper, giving good style and value for practically any kind of room in any type of home.

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$1595

SEDAN F.O.B. DETROIT



Those Who Know Performance Best Marvel Most at Senior Value

YOU will never know the astonishing quality that moderate price now commands until you examine and *drive* Dodge Brothers great Senior.

Here is more power than you will ever need—more speed than you will ever care to use—acceleration that challenges the Senior's proudest contemporaries. A car so silent, smooth and magnificently resourceful that the need for paying more no longer exists.

Indeed, the wider your experience with motor cars of the finest type, the more you will be impressed by the quality and character of this magnificent Six.

DODGE BROTHERS

Senior Six



From the designing rooms of America's Leading Architects

...one thousand meetings was there an interior still and silhouette that seemed too small as well as unreckonable time.

F...

For centuries, this craftsman's art has contributed not a little to some of the finest residences and public buildings of both Europe and America. Yet in recent years it has started on what promises to be its greatest development, namely, in homes of more modest proportions—the seven, eight and nine room houses and apartments.

...pediment. Sometimes a whole ceiling actually reproduced from some famous palace or castle of the Old World. Today the vogue of plaster ornament is gaining acceptance with an ever-widening appreciation of its decorative possibilities. Through this plastic medium, a touch of the architectural detail of any period can be incorporated in even the simplest schemes—and at very little cost.

And the effects are truly remarkable. Many an otherwise drab interior is lifted from the realm of the commonplace — given genuine character and atmosphere.

CONSULT YOUR ARCHITECT. He will have the complete catalogues of the six firms listed below, from which to select designs adapted to your own individual needs.

SEND FOR BOOKLET

...of Notable Interiors." *Write for Booklet A-1*

PLASTER ORNAMENT *for* PERIOD DESIGN

...Chicago—The Decorators Supply Co...

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Davis James Somerville, Architect



BRYANT GAS HEATING LITERALLY TRANSFORMS THE BASEMENT INTO A CLEAN, LIVEABLE PART OF THE HOME—WORK-SHOP, PLAYROOM, DEN, [illegible]

A Heating System that's so Carefree

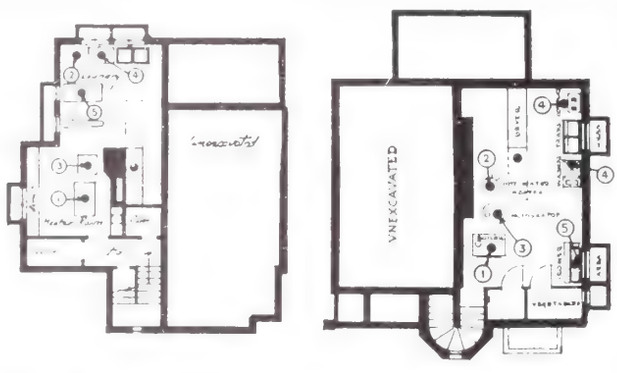
a pup can be your furnace man!

Exact Temperatures; Absolute Cleanliness; Convenience; Economy; Useful Basements

THERE is no substitute for reliable warmth. The finest architecture, the finest furnishings cannot thoroughly be enjoyed in an atmosphere of chilly discomfort.

Your pleasure in your home is governed by the furnace room. Choose your heating system with care. Weigh the heating service you can secure from the various fuels you have available—coal, wood, oil and gas. Compare the heating service which each can provide with its cost. Then select the heating plant which will best give reliable, trouble-free service with the fuel you have chosen.

This advertisement is designed to present the desirability—the heating service value—you can secure with gas fuel and a Bryant Gas Boiler or Gas Furnace. But, as any Bryant owner will tell you, it's impossible to realize fully the wonderful luxury of Bryant Gas Heating until you have actually lived in a Bryant-heated home.



1. *Gas boiler or furnace*
2. *Hot water heater*
3. *Laundry tubs*
4. *Heating units, etc.*
5. *Ironer.*

Two prize winning basement plans in the American Gas Ass'n architectural competition

Note the great saving in excavation. These basement plans illustrate how very much smaller the basement may be made, and still provide ample room for all modern labor-saving devices, through the use of gas heating.

When desired, the extra basement space gained through the total elimination of fuel bins or storage tanks, may be made a charming part of your home—a billiard room, den, workshop, a room for dancing, etc.

CONVENIENCE

Bryant Gas Heating is so utterly carefree "you can let your pup be the furnace man." Furnace drudgery is completely banished. You need not even glance at the heating plant for weeks at a time.

There is neither coal nor ashes to shovel; nothing to demand constant attention. Trips to the furnace room are timed by the calendar—not the clock. A single match is your year's "kindling." From the day you light the pilot light, until Summer returns, the only effort required is the winding of the eight-day clock on the automatic regulator.

EXACT TEMPERATURES

Here is real heating serv[ice]. Temperatures are positiv[ely] and accurately maintain[ed]. No matter how fluctuating [the] weather may be out-of-do[ors] the temperature inside [your] home is exact to a sin[gle] thermometer-measured [de]gree of the setting on the re[gu]lator control.

Seventy-one degr[ees] throughout the day and ev[en]ing, if that is the tempe[ra]ture you prefer! If you lik[e a] cooler house at night for sle[ep]ing, the change will be m[ade] automatically. Just set [the] regulator to any combinat[ion] of day and night temperatu[res] you desire, and those temp[er]atures will be maintain[ed] and changed, without furt[her] thought on your part.

The even temperatu[re] maintained by Bryant G[as] Heating have a health as[pect] that should not be overlooked. Ma[ny] families have found a pronounced rel[ief] from colds and other ailments after t[he] installation of Bryant Gas Heating.

ABSOLUTE CLEANLINESS

Bryant Gas Heating is absolutely f[ree] from dust, ashes, soot or oily vapors. [Its] installation makes a new cleanliness rea[l]ily apparent throughout the entire hou[se]



BRYANT GAS HEATING





TYPE TO MEET EVERY HEATING
SYSTEM ITSELF, OR CAN BE IN-
STALLED ALONGSIDE OF IT.



THESE MODERN LUPTON STEEL WINDOWS WILL ADD STYLE AND CONVENIENCE TO YOUR HOME

WHEN a sudden shower blows up, what a comfort it is to have your house equipped with windows that swing shut so easily at a finger's touch—Lupton windows of copper-steel!

It's a pleasure, too, to live with windows that give a distinctive charm to every room and add a note of modern style to the entire house.

Just think how much comfort, beauty and style these modern out-swinging windows will add to your living room or sun-porch; what a wonderful unobstructed view they give you! With these Lupton windows closed, cold and damp are locked out, but in fine weather with these casements swung open, all the joys of outdoors become a part of the room.



...ect's charming home com-...ete with Lupton ... which cost . . $569



The builder of this house found Lupton Steel Windows an excellent investment at . $300

There are Lupton standard window units to suit every room and to enhance the beauty of every type of architecture, and you'll find they can be installed throughout your home for very little money. The houses illustrated here show this.

Let us send you our illustrated booklet, "Better Windows for Your Home." You'll find it interesting reading. Write for a free copy today.

DAVID LUPTON'S SONS CO. *2253 E. Allegheny Avenue, Philadelphia*

Lupton STEEL Windows

A THING OF BEAUTY AND A JOY FOREVER

YPRESS alone could yield such charm. For no other building aterial possesses quite the same rtues of beauty and durability. o other is so permanently lovely, long enduring, and still so onomical.

o build both beautifully and ndly, to avoid annoying repairs, d to cut down the cost of upkeep, e Tidewater Red Cypress at every int on your house and outbuildgs where rain and rot might do eir damage.

e this Wood Eternal for shingles rnices, sidings, windows, doors, rches, steps and every other place here wood meets moisture. This mber knows no replacement, or re- r bills. Its first cost is your last cost.

rown in water, Tidewater Red



In this charming residence of Mr. Charles Evans Hughes, Jr., the architect, Dwight James Baum, employed durable Tidewater Red Cypress.



An early American manor house on the Perrie plantation at West Feliciana Parish, Louisiana. America is still too young to know how long cypress can endure.

Cypress resists water. Exquisitely grained, it yields a charming natural finish. No wood paints more smoothly or more lastingly. Despite its solidness, it is easy to work, and even big nails don't split it. When you order lumber for exterior use, be sure to specify "heart grade Tidewater Red Cypress" because this wood alone possesses such qualities of beauty and durability.

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—waiting for the coupon

What prospective builder can ever see too many charming illustrations of homes? In the booklet, "Money Saved for Builders," are numerous pictures of houses from the oldest homesteads to the very latest modern residences. This is not a book of stereotyped plans. We believe that an architect should be retained if your wishes are to be carried out exactly and in an original manner.

This booklet will give you dozens of ideas, and it will tell you in a fascinating way how cypress can cut down upkeep and still make your home the attractive place you want it to be. Address an envelope now and mail the coupon. Southern Cypress Manufacturers Association, Jacksonville, Florida.

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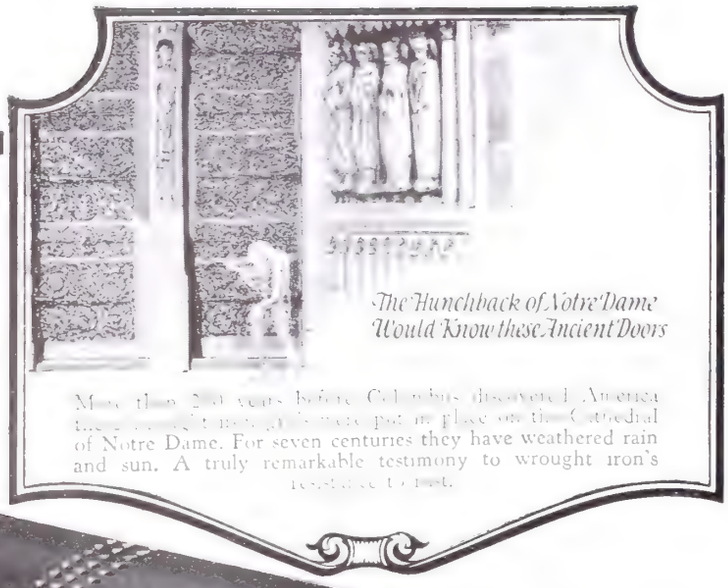


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Gentlemen: Please send me your booklet, "Money Saved for Builders," and other interesting literature on Tidewater Red Cypress.

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More than 200 years before Columbus discovered America these [illegible] were put in place on the Cathedral of Notre Dame. For seven centuries they have weathered rain and sun. A truly remarkable testimony to wrought iron's resistance to rust.



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PIPE which must be renewed during the life of a building is too expensive. The same is true of pipe which bears too high an initial cost. Reading Genuine Wrought Iron Pipe is the happy medium. For public building or private residence it affords a lifetime of trouble-free service at a reasonable cost.



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"But let me see if the bathroom is presentable"



. . . Yes. Everything is ready for your guests. And the bathroom's spotless walls and porcelain fixtures—its supply of freshly laundered towels speaks for your standards of cleanliness. . . . Your guest will notice. And approve. . . .

But is your bathroom really up to date? Look at the toilet seat! Worn? Old fashioned? Unsightly? Your guest will notice this too. Will wonder at your carelessness. For anybody knows that a new white seat—a completely modern and sanitary seat—costs only a few dollars to install. And what a difference it makes!

The Church Sani-White Seat can be attached in ten minutes to any bowl, with an ordinary pair of pliers. It is detachable; it can be moved whenever you move if you rent your home or apartment.

Every Church Sani-White Seat is definitely guaranteed. Its glistening, smooth white surface is [illegible] enamel. It is a solid covering—it has no joints in which germs and dirt can lodge. It will not chip, wear off nor turn color. After years of service, it will remain as free from imperfections as when it left the factory.

Mrs. Winnifred Fales, a nationally known authority on modern decoration, has written a new booklet about bathrooms. It contains practical suggestions for making your bathroom more modern, more convenient, more comfortable.

Mail the coupon for this booklet! Let us send you, also, an actual sample of the Sani-White covering. We want you to test it for dirt and wear resisting qualities yourself. . . . Your nearest plumbing store carries Church Seats. They are nationally recognized as the leading toilet seats made. C. F. Church Manufacturing Co., Holyoke, Mass.







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Character in Color



BRILLIANT color distinguishes modern interior decorations. There is a dynamic attractiveness about striking color harmonies and contrasts that appeals so generally to folks of culture and taste.

The use is not confined to residential architecture, for there are evidences on every hand that banks, office buildings and commercial structures generally are taking on a new liveliness of character.

Playing a leading part in this new movement is one of Nature's oldest materials—Marble. The soft translucence of its polished surface has an individuality not possessed by any other structural medium. Its colors run the range of the spectrum, and in such combinations and designs as only Nature herself could have conceived.

In addition to its beauty, marble is durable. It will outlast the building itself, and requires practically no upkeep costs; and being impervious to moisture, is inherently sanitary. An unusually modest initial cost ultimately makes marble the most economical of all interior finishes.

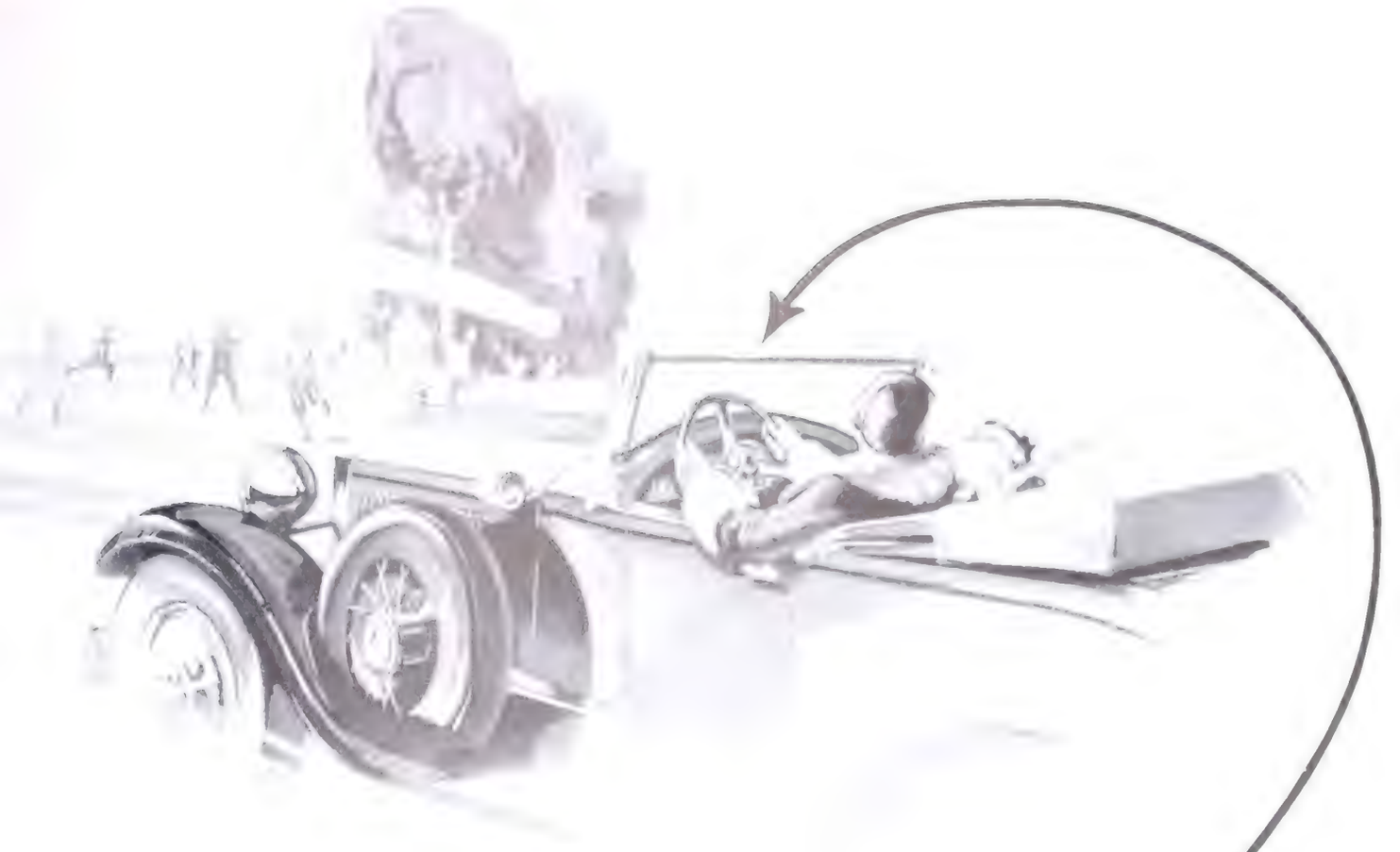


Write for the free booklet, "The Everyday Uses of Marble," containing facts and illustrations about the practical applications of marble in buildings of varied character, including residential and garden treatments. Write Department 6-D.

There is No Substitute for Marble

NATIONAL ASSOCIATION *of* MARBLE DEALERS

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T*his* windshield cannot be shattered

IT'S an amazing discovery. Glass that cannot be shattered—or splintered. Glass as brilliantly clear and flawless as plate glass—yet free from the danger that accompanies ordinary plate glass.

It's a known fact that when accidents do occur, flying or splintered glass causes the majority of personal injuries.

Now science has taken this risk out of motoring. With modern four wheel brakes, standard bodies, stronger steel where strength must be, your car needs only this final touch to make it a safe vehicle for those dearest to you.

acts about TRIPLEX

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The worth of Triplex has been proved over long period of time—13 years abroad.

t cannot shatter—this means that it can- ot fly or cut even in the severest accident.

Often it will not even crack at a shock that vill shatter ordinary plate glass into frag- nents.

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Already installed in thousands of cars in America.

Triplex
—THE GLASS THAT WILL NOT SHATTER

COLUMBIA GLASS COMPANY OF NORTH EAST, INC.

Make_____ Year_____



It tucks in

— — the first requisite of a real insulating material

It will pay you to remember these simple facts whe you select an insulating material for your house.

First, bear in mind that practically all insulating mate rials now on the market may be classified as eithe *rigid* or *flexible.*

The rigid type includes the flat, dense "board" types The flexible materials are of the "blanket" type anc are used as a lining in walls and roofs. They are *addec* to the walls solely to make it easier and more econom ical to heat a house.

Balsam-Wool is this type of material. Any carpen ter can easily tuck strips of this *flexible* material be tween studdings and joists and right into every crack, corner and crevice—around window and door frames. And obviously, this is the only way to make a house heat-tight and weatherproof.

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Investigate the subject thoroughly before you spend a cent. Send now for a free sample of Balsam-Wool and our instructive booklet, "*House Comfort That Pays for Itself*"—the facts about *true* insulation.

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The HEART of Your Home

COMFORT [illegible] the [illegible] are the things [illegible] your home. [illegible] modern advancement [illegible] heating purposes.

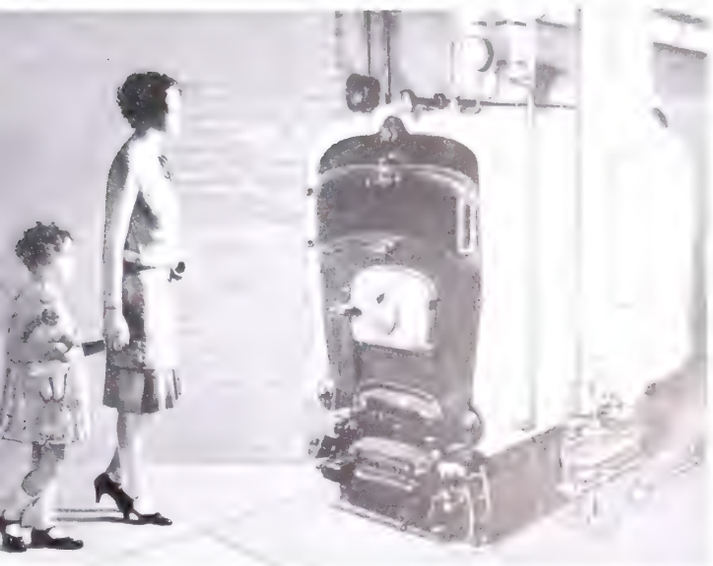


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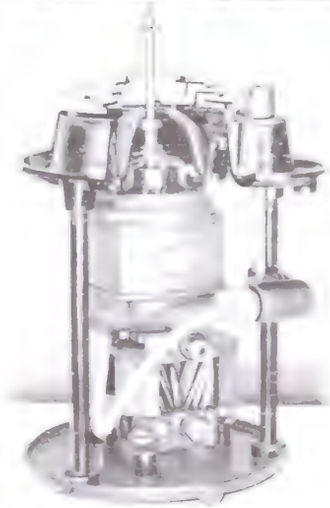
Three great principles of oil burning are combined for the first time in the Super Oil Heator—correct atomization of [illegible], the disc flame and slow speed machinery. The result is the outstanding advantages that have led to the Super Oil Heator's popularity.

1. Lowest cost.
2. Efficient—often more economical than a coal fire.
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Correct design and efficient production in the plant of The Potter and Johnston Company, famous for thirty years as master builders of automatic machines makes possible this low price



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FOR HOME HEATING

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- Please send me "The Facts about Home Heating with Oil".
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In each room..

a touch of the finger

precisely controls the heat









A HEATING system locally controlled from every room. More flexible than your lighting system. A swing of the little handle on the radiator valve increases or lowers the heat of that room, with no effect on the temperature of other rooms. That, in a few words, is what Hoffman Controlled Heat can accomplish.

"Controlled Heat" is a vapor vacuum system. It is quickly responsive to your wishes. It enables radiators to give off full heat, three-quarters heat, half heat, quarter heat, or none. With ordinary steam heating systems radiators are either fully hot or cold. With Controlled Heat you can regulate each room as easily as you regulate the flame under each pot on a gas range—with the touch of a finger.

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If you plan a new home of any type you will want to know more about Hoffman Controlled Heat. A post card brings the whole interesting story to your door by mail. Address Hoffman Specialty Company, 25 West 45th Street, New York City. Manufacturers of the "Watchmen of the Coal Pile" Air Valves.



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Pyrofax Gas, the faultless fuel,

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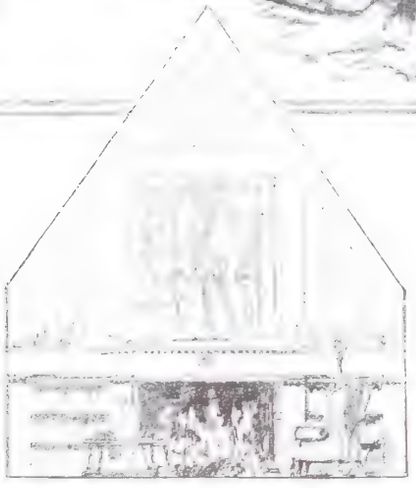


An *all*-timbered half-timbered home

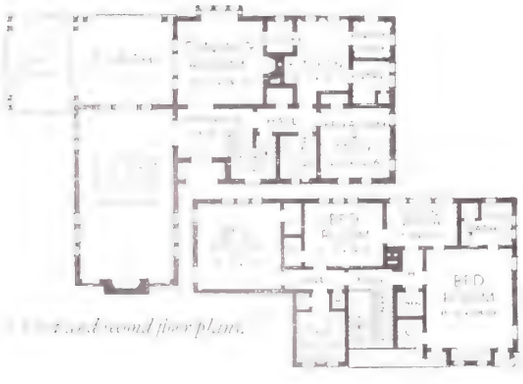
—*and it might be in Normandy*



John J. Landon, Architect, Los Angeles



The very livable living room is paneled with West Coast Hemlock. It has wood trusses and shows the paneled construction.



First and second floor plans.

Awarded first mention in the West Coast woods architectural competition

THE architect designed this very attractive house to reproduce—with West Coast woods—the charm of the cottages of Northern France . . . with their steep pitched roofs, timbered walls, carved beams and many other pleasing exterior and interior details.

The unusually attractive *all*-timbered half-timbered effect is obtained by the use of adze-surfaced wide Douglas Fir battens over Douglas Fir plank. Frame to be of Douglas Fir or West Coast Hemlock. The battens to be stained darker than the panels, with rottenstone dusted over all.

The roof is of vertical grain Western Red Cedar shingles or shakes with doubled ridges and eaves, and laid with a gradually lessening weather exposure as they near the ridge . . . fastened with zinc coated or copper nails to insure a permanent roof.

Interior paneling of West Coast Hemlock. Beams and posts of Douglas Fir—stained and antiqued. The entrance hall and stair rail of Douglas Fir with sand-etched design.

Living room to have wood trusses of Douglas Fir. Dining room paneled in West Coast Hemlock—ceiling beamed with sand-etched Douglas Fir—bedrooms to be in Douglas Fir, West Coast Hemlock or Sitka Spruce.

Floors to be of wide Douglas Fir or West Coast Hemlock, pegged and grooved, and stained dark brown.

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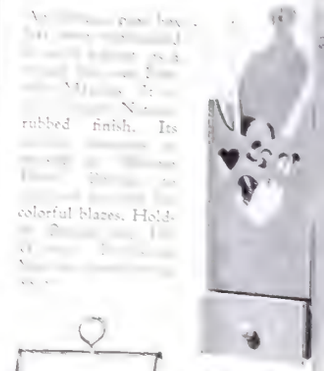
and 220 East 51st St.



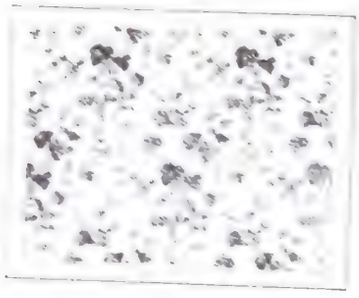
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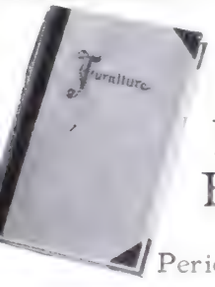


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The keynote of the modern style lies in the close relation between architectural backgrounds and interior furnishings. Severe lines, absence of trim, stark perpendiculars and the elimination of unnecessary detail are its characteristics. This, however, does not imply an absence of beauty, for line, proportion, color, and the quality of the materials used achieve a result that certainly commends itself to our appreciation.



TO further acquaint the American public with the best of the modern art movement in France, particularly in the field of furniture and decoration, Lord & Taylor recently (February 29 to March 17) held an Exposition of Modern French Decorative Art. The exhibits were the work of Ruhlmann, Chareau, Jour..., Süe et Mare, Dufrêne, D. I. M., Chanaux et Reding—all of whom in the appreciation of modern life stand as masters of this



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THE AMERICAN SHELF

closet · bathroom · kitchen

...sets in tooth-ed shelf papers will add the final touch of colourful smartness to your home.

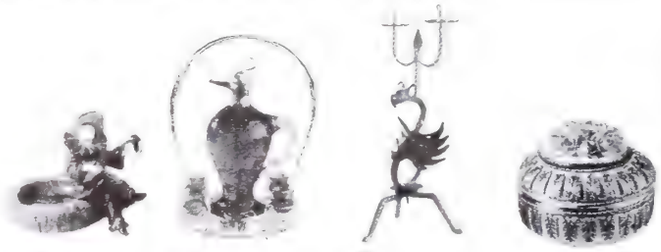
In five colours: cherry red, blue, green, yellow or lavender on ivory paper. Two rolls, each containing six 31 inch lengths, sent postpaid for $1.25.

(Illustrations upon request)

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WITH all the other trials which pretty home cleaning thrusts upon you, do not attempt to wash your Blankets at home. If you could see how beautiful the dullest looking blanket comes from our process of washing and refinishing you would not hesitate a moment. Absolutely no loss in weight or color. Women in all parts of the country avail themselves of our service.

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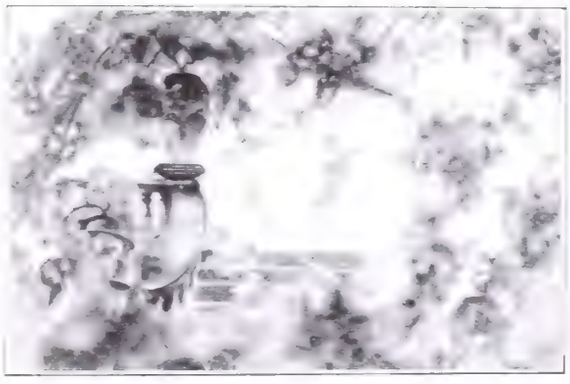
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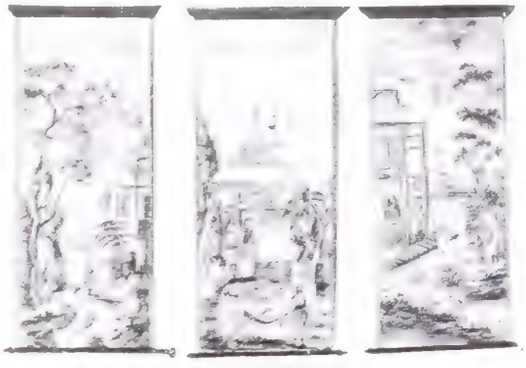
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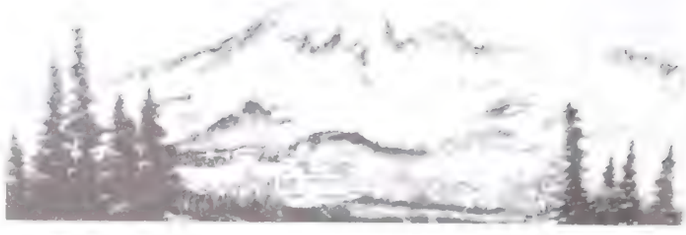
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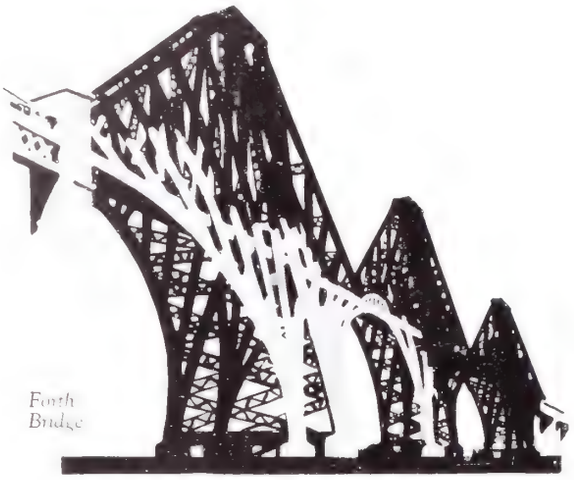
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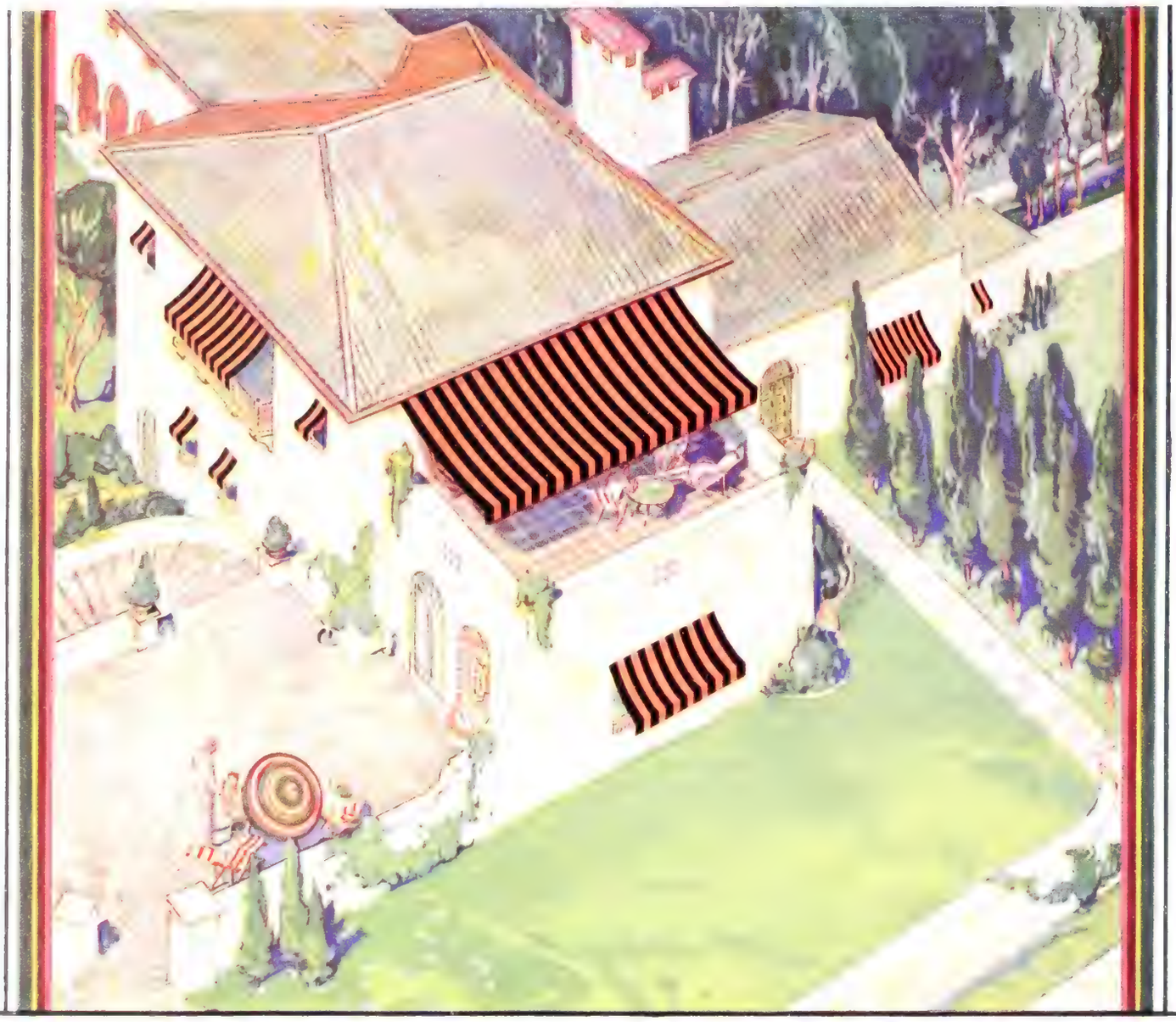
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Made by OTIS COMPANY, Boston, Mass.

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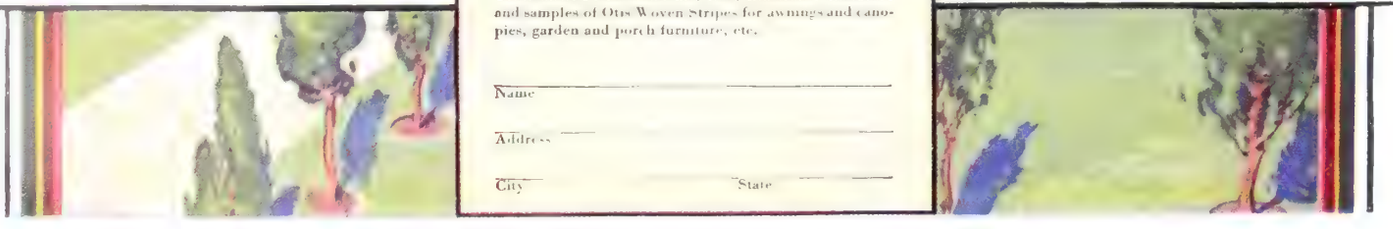
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A PAGE OF CREATIONS BY McKINNEY

Master Craftsmen in the art of making fine hinges and forged Iron Hardware, Andirons and Lanterns





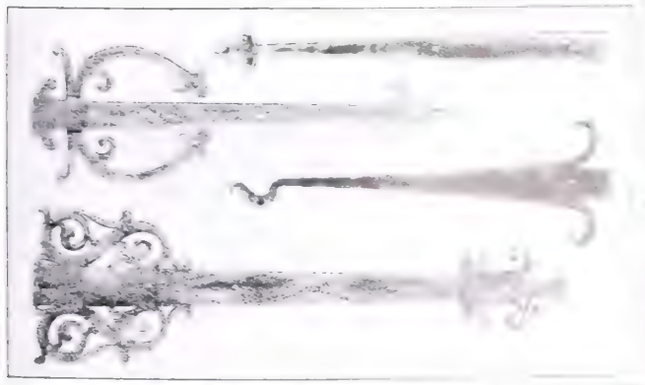
From among designs by the thousands and Periods expressing many varying types of craftsmanship, McKinney has created hinges of surpassing beauty. Certain of the andirons and fire tools are in forged iron, others in brass with genuine English Antique finish, still others in combination of the two metals and finishes. The three illustrated are: Braddock, No. 16203 (left), Standish, No. 16202 (center) and Plymouth, No. 16213 (right).

It opens and closes like a beautiful book, this hinge—a more interesting book than was ever written—recording, between its leaves the events of whole lifetimes . . . the gentle closing of a sick-room door . . . the happy swing of children's carefree play . . . the swift slam of passion . . . the intimate and constantly changing pattern of lives.

McKinney Hinges have been well designated as "The Jewelry of the Home". Their design, workmanship and finish have earned them the title. Our suggestion is, ask your architect, your builder, your Builders' Hardware Merchant to show them to you.

You will never regret the choice of good hinges—such hinges as McKinney makes.

McKinney Mfg. Co.
Pittsburgh, Pa.







McKinney hinge straps are motivated from the finest examples of forged iron craftsmanship. Every piece is rust-proofed. The Swedish Iron finish catches the dull glint of light like the reflected gleam from a suit of ancient armor. Designs shown, from top to bottom are: Heart, Warwick, Etruscan, Alhambra . . . The three handle sets at right are the Heart, Curley Lock and Warwick in order.



Illustrating the beauty of shape [illegible] Iron Hardware by McKinney. It has a texture of great charm and individuality. The pieces shown are a drop ring handle, three different knockers and [illegible] tique Hand Ham- [illegible]

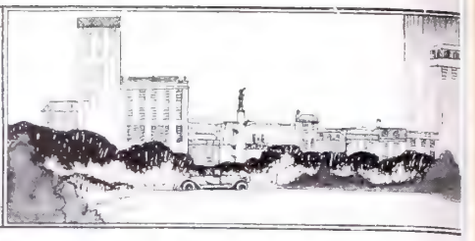


These [illegible] Lanterns are the favor of generations. There are two smaller sizes. All are rust-proofed and provided with genuine crackle glass. Either a chain or bracket arm can be supplied. Department, electrical and hardware stores carry them.

[illegible] Pa.
[illegible]
checked
[illegible]



REAL ESTATE



To the Reader: Whether in search of home or investment property, you should appeal to the discriminating taste of [illegible] House & Garden, first of the [illegible] group of these pages, where it will meet the eye of [illegible] Advertising rates will be furnished you, or [illegible] New York City



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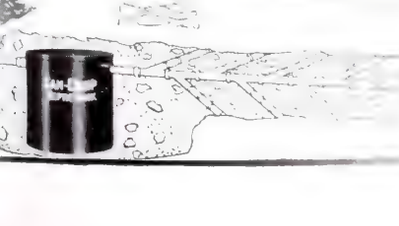
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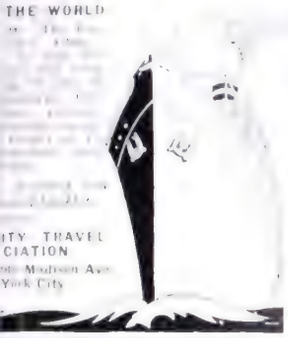
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Our annual battle is about to begin

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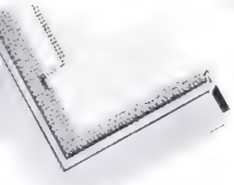
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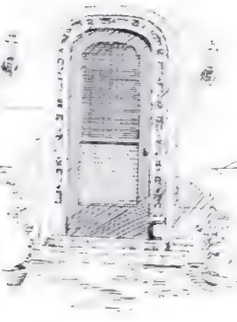


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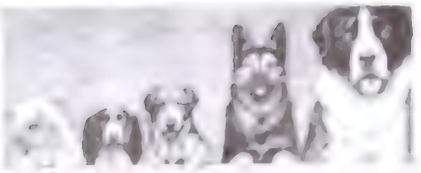
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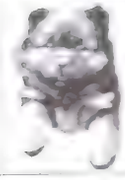
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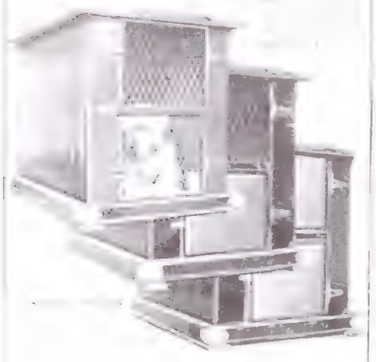
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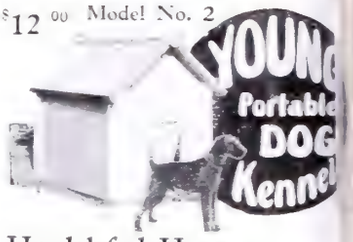
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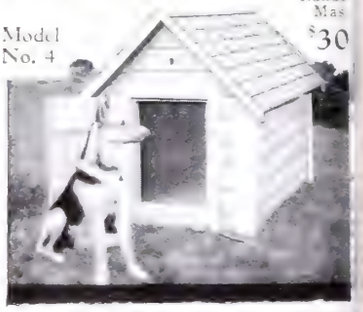


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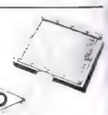
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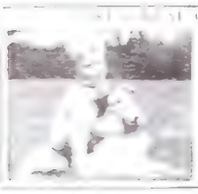
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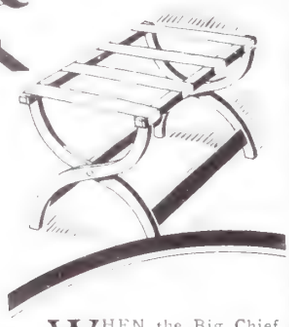


KERNERATOR

WHAT JANET GRAY SAW AT LEWIS & CONGER



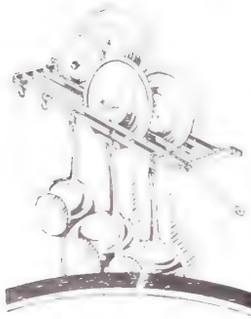
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Janet Gray

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A graceful roof line over a trim exterior of California Redwood gives this home an inviting charm that tells of a new mode in cottage type of architecture.

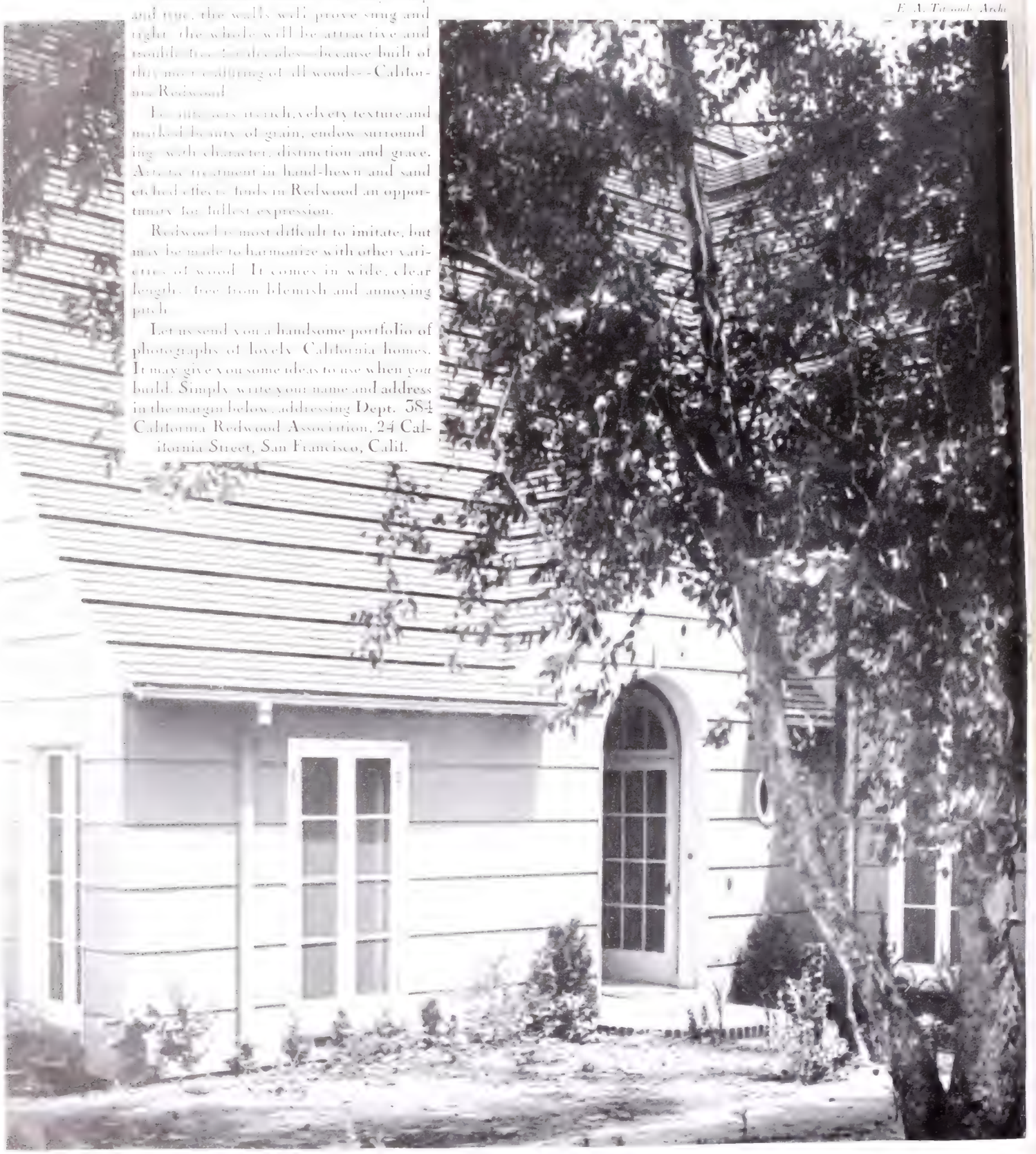
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A car of today for the sophisticated tastes of today! Chrysler's New 112 h.p. Imperial "80" has enriched even the experience of those most accustomed to and appreciative of the finest in motor cars . . . ¶ Not merely by building one of the world's most powerful motor cars, but by translating that power into terms of flawless performance—power that flashes or purrs as the driver demands . . . ¶ Not by excess of ornament but by creating in the hand-built bodies by Chrysler, Locke, LeBaron and Dietrich, that well-defined note of restraint that speaks true smartness . . . ¶ Longer, wider bodies, finest upholstery and grooming, longer springs, chassis and engine rubber insulated—"Red-Head" high-compression power—the New 112 h. p. Imperial "80" leaves nothing to be desired for performance, with superlative comfort . . . ¶ The fourteen custom body types present a wide range of suitable for all town and country use

Always have Three Kinds of Writing Paper in Your Home



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UP INTO the skies—a letter to someone a continent's breadth away. Back, wings the reply. Delivery speed almost as though the destinations were just across town. Methods and customs changed to keep pace with the requirements of a progressive age. Modern needs have changed other customs, too.—have established the common-sense custom of *three* kinds of writing paper for the well appointed home.

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ON the score of beauty alone the vogue for concealing awkward radiators has quite enough o commend it. For amid the lovely creations of nodern cabinet makers and furniture craftsmen, the ncovered radiator, gild it as one may, has remained s—a piece of heating equipment.

t stands convicted as the *Thief of Beauty*, responsible or *radiator-smudge* on walls and draperies—that lark creeping patch of gathered grime which robs hem of freshness and bright, clean colors.

To these must be added the arid atmosphere caused by the artificial heat. Physicians are agreed that his absence of moisture is one frequent cause of nose and throat difficulties. It even dries the natural moisture from wood, playing havoc with furniture.

And so comes the growing vogue for the beauty and usefulness of Mullins Radiator Enclosures and Shields. Awkward radiators disappear under the lovely covering of Enclosures done in soft, lustrous tones of Walnut, Mahogany and Old Ivory—finishes of utmost loveliness. Radiator-smudge is banished forever. The parched atmosphere is revived with life-giving moisture.

Scores of standard sizes, to fit practically all radiators, are quickly available through Department stores and dealers. Be sure to see them at the earliest opportunity. Mullins Manufacturing Corporation. Home Furnishings Division, Salem, Ohio.



Made by the makers of the famous Mullins Metal Boats.

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Noted Actress, *writes*

"Night in and night out, for months, one's vo must be in perfect condition on the stage. safeguard it, yet get the greatest enjoyme Lucky Strikes are the favorites in the thea world."

Florence Reed





The Cream of the Tobacco Crop

"To me—'The Cream of the Crop'—means the fine types of cigarette tobaccos that can be bought. M instructions are to buy these types for use in LUCK STRIKE Cigarettes and I make it my business t follow these instructions."

J. Meredith

Tobacco Buyer

"It's toasted"

No Throat Irritation-No Cough.

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HOUSE & GARDEN

RICHARDSON WRIGHT

APRIL, 1918

ON SOME pond [illegible] the [illegible] glass they watch very [illegible] mother Chaffer, too [illegible] her weaving and [illegible] [illegible] fluttering of the [illegible] plume the day are days, years and [illegible] Now may [illegible] they have [illegible] [illegible] years. They [illegible] with [illegible] such [illegible] [illegible] [illegible] their [illegible] [illegible] [illegible] [illegible] passing fashion.

On the [illegible] [illegible] [illegible] of the [illegible] [illegible] a speed and [illegible] [illegible] changes with [illegible] [illegible] ichor of discontent with the old style and the desire for the new will [illegible] tain a steady pulsation in feminine veins.

Whether this is [illegible] difficult to say. Perhaps it has nothing to do with wisdom. Besides, wisdom rarely sways and fascinates human beings in numbers. The crowd does not think; it is led by a few people who have a genius for [illegible] gift of flaming eloquence, whether be expressed in words or style.

In other phases of life styles change so slowly and with such easy grace that one scarcely knows they are moving. This is especially true of taste in furnishing a home. Those of us who have attained middle age and were aware of such affairs can count perhaps half a dozen turns of this tide. We were born into the latter days of fussy Victorianism; we passed safely through the ascetic era

[illegible] [illegible] [illegible] [

SALMAGUNDI



The Social Side of Easter

Friendships grow brighter with Easter — the season of rejoicing — the time when thoughts for others spring naturally to mind. Remember your friends with Salmagundi — the chocolates that convey a message.

Salmagundi is a genial merrymaker — a boon companion in festive gatherings — a welcome addition.

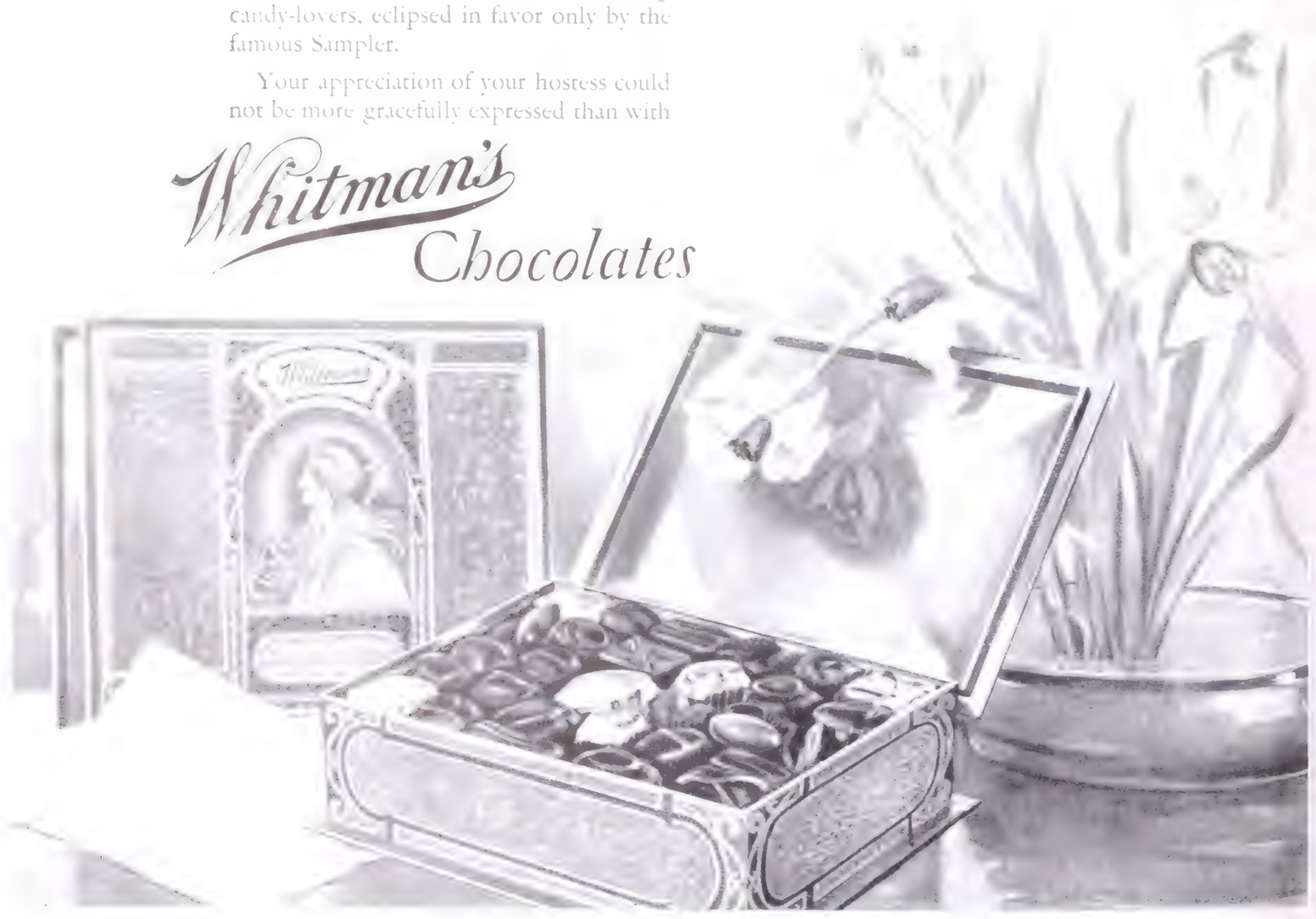
This art-metal box of chocolates, with its unusual name, is a social lion among candy-lovers, eclipsed in favor only by the famous Sampler.

Your appreciation of your hostess could not be more gracefully expressed than with a gift of Salmagundi. And sending Salmagundi through the post, to a friend at a distance, is to bestow one of life's pleasant little thrills.

One and two-pound sizes, with special wrap for Easter. The Whitman Agent near you will mail Salmagundi for you, if you wish.

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Whitman's
Chocolates















THE CHINOISERIE ROOM



WHEN PAINTINGS FORM THE BACKGROUND

By Katherine Dreier, Director of the Société Anonyme

Collection, Permanent Exhibition of Contemporary Art

MARGERY HELWIG [illegible]

PRIMITIVE man conducted [illegible] competition to several pictorial [illegible] the artistic impulse is [illegible] manifested among the [illegible] from the cave of prehistoric Man, [illegible] painted on the smooth limestone of the [illegible] through the picture of classic Rome [illegible] revealed on the fresh walls of Pompeii, [illegible] splendid frescos of the Italian Renaissance, and the more purely decorative [illegible] fresco wall painting of the 18th Century [illegible] France and England, the record [illegible] complete, vivid, and revealing.

It is from this great historical [illegible] that most of our modern inspiration for mural painting is drawn. In America, heretofore, mural decoration has been [illegible] by the eager if unaccustomed hand of the [illegible]







room of Mrs. Charles E. S.

artist, and a very able and creative one at that. He must also know the principles of decoration in scale with the room as well as in key with the decorative scheme. Unless it is possible to have such an expert decorate your walls, it is certainly safer to keep to the use of wall papers, of which there are many excellent ones on the market, or to make up your mind to live with plain walls. For amateur work, any uncertain handling of line or color, any ill-arranged design, becomes doubly bad when spread upon a wall.

In this restless age, when people move about at such frequent intervals, it is prudent to have the walls of a room that is to be decorated with murals covered first with a good canvas which can be removed from the walls in case of need. If the strips are carefully numbered and there is not too great difference in the





apricot to yellow is
room. The artist was





When the room is small, it is advisable to select pictures with painted dados. This treatment is shown at the left

to lend themselves most happily to the work of the mural painter. Nothing could be a better example of the adaptability of this type of wall treatment of a large wall space than a colorful ballroom whose walls are decorated with designs of ships, the sails of which, in tones of russet-red, amber and orange belly out against a sky of vibrant blue. In this room the design starts just above the baseboard, and the blue of the background is carried up into the ceiling. The tones of gold and Venetian red which occur in the designs of the ships are repeated elsewhere in the furnishings of the room. A very real sense of space and atmos-

(*Continued on page* 150)

Certain types of rooms seem







MEN AS TREES WALKING

An Incident of the Bethsaida Road In Which A Blind Beggar Saw More Than Most Of Us

A BLIND [illegible] in a quiet spot of the [illegible] Road. Now and again someone scuffled by, or a donkey train passed on its way to market. From where he sat he [illegible] of the town. Suddenly he felt himself surrounded. He stretched his hand for alms, but, instead of giving alms, someone said, "Come along, old fellow," and they led him into the town. There they halted, while the men about him began urging, "Touch him! Touch him!" Poor sport this, to make fun of a beggar. But a stranger did touch him—took him by the arm and led him out to the peace of the fields again. When they halted he felt a hand pressed over his eyes and heard a voice saying, "Do you see anything?" See anything? How could he? He had been blind from birth. "Do you see anything?" the voice repeated. A film of light crept across the blind man's eyes. Gradually things about him began to take shape. "Yes! Yes!" he cried, moving his hands weakly through the impalpable air, "I see men as trees walking!"

AN [illegible] fact. He was a man who had never seen a tree or a man. He had felt of trees' rough bark, had passed his hands over their smooth leaves, had breathed the perfume of their flowering, had enjoyed their fruit and in the hot noondays had known their cool shade. But of their leafy and towering heights, of their great shapes he was ignorant. And yet the first impression his new-born sight gave him was that the men around him were as trees walking. In his mind, there existed a definite relation between trees and people. He saw men as trees [illegible].

In uttering those words he gave us a penetrating classification [illegible]. We could understand people better once we have found their tree.

MANY [illegible] White Birches of our northern woods and the Bamboos of the Tropics—gregarious, dependent one on the other, lacking individuality. Crowding makes them slim. They struggle against each other, reaching up for sunlight and air. This battle for existence takes its toll—through the clump you see the withered stalks of those for whom the battle was too strong; elbowed out of life. . . . Many people in crowded cities are like that, and not a few of those who live in suburbs where social competition is fast and thick.

There are the sprawling trees that know the wickedness of winds, and having combated them for generations, they have learned the wisdom of bending before them. Such you find on gale-swept sea coasts and on open mountain slopes. The Cypresses of Monterey and the procumbent conifers of the upper Rockies and other mountain-ranges are equally in this class. Tough-fibred and gnarled, they live to great ages because they are able to accommodate themselves to overwhelming odds. . . . There are people, too, like that, people who come through great vicissitudes, outwardly warped and often sinister appearing, but wiry, vigorous, [illegible].

Contrasted with these are the trees and people who refuse to bend before the wind, who stand up untouched despite it. Invariably these trees are deep rooted and firmly buttressed. Consider the penetrating anchorage of the Red Cedar's tap root, the great White Oak and the Beech reaching underground, the tentacles of the Elm, the buttresses of the Ceiba, the Banyan and the Redwood, the closely-woven mat of the Rubber Tree that sprawls for a great distance on all sides, the soil-preempting roots of the Eucalyptus. Meticulous gardeners complain that they can never grow flowers or grass under such trees because their roots drain the soil of all its nourishment. People who are akin to such trees do the same. Find a man who has the outstanding personality of an Elm or a Banyan or a Redwood, and he tolerates no lesser competition. Towering over all, lordly in shape and mien, he is not only captain of his own soul but master of all nearby. Wind and torrential rain hold no terrors for him. He fears only lightning from the skies and the decrepitude and decay that old age brings.

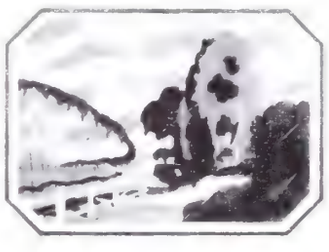
MANY [illegible] the trees and men who exist and are planted only for the fruit they give. They are tended and fed and pruned that they may produce bigger and better crops. The Apple, the Pear, the Cherry of the Temperate Zone, the Date Palms and the Cocoanuts of the Tropics, such are the workers of the world. Such, too, are the men and women who devote themselves solely to business. They care for their health so that they can do more work; they discipline their lives so that their work may be more productive. We are apt to judge them merely by their fruits, forgetting that such trees have their yearly hour of glory and beauty upon which the fruit depends. Scant blossoming means a [illegible] crop. If the beauty of the flower is not there abundantly the fruit will never follow.

There are also the slim upright trees, such as the Poplars, and some of the Cedars and the Cypresses and the pendant, weeping trees that appear in many arboreal families. These we associate more with women than with men. Their grace is a feminine grace, their fiber supple. Whether it be the dark Cypresses of an Italian hillside, or the Weeping Willow along a brook bank in a peaceful meadow, or the pendant flowering Cherries planted on close-cropped lawns or the rangy lines of Lombardy Poplars—these all are feminine trees. Some are useful and long-lived, some merely beautiful and short of duration. They serve to delight the eye with yielding grace.

Whereas the Oaks and the Elms of the world are noble and estimable people, it remains for one great family to supply its geniuses. Of all the tree groups none assumes so many forms as the Palm. The Cocoanut Palm, its frowsy head reeling in the wind like a tipsy poet's, may be brother to the Traveler's Palm, exactly mathematical and architectural of shape, but few would believe them to be kin. The Date Palm and the Sago may be sisters under their barks, but few would guess it.

"I see men as trees walking." So spoke the blind man of the Bethsaida Road. In that glimpse he saw more than most of us.

RICHARDSON WRIGHT

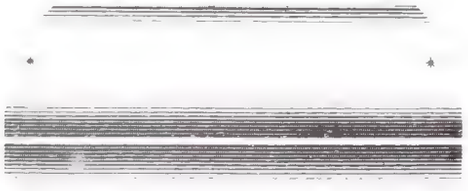


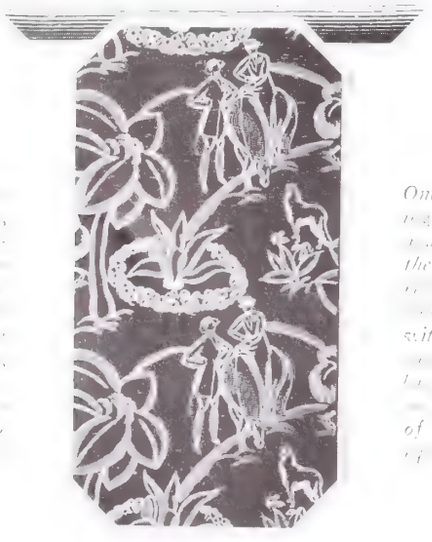




WALLS IN BLACK AND WHITE

The wall paper [illegible] this room are a [illegible] from the multi-colored designs [illegible] and white. The modernist room [illegible] paper





One of the most striking of these [illegible] and white papers is the pattern at the far [illegible] Here large [illegible] are [illegible] with dots and flowers [illegible] a black [illegible] Next [illegible] the design of the other paper is equally [illegible]





A NEW DECORATIVE SCHEME









HOUSING YOUR HOBBY

After A Collection Has Been Acquired The Problem of Its Display and Protection Must be Solved

HELEN PAGE WODELL

A HOBBY, [illegible] "[illegible]" [illegible]. While [illegible] from the [illegible] Some [illegible] makes friends of strangers. Psychologists and doctors recommend a hobby, and the thing has become the fashion. [illegible] for it presents to one the problem of [illegible].

When interest centers in paper weights, for instance, the collection [illegible] to keep them. Shall we stow each in its own box after the Oriental manner, [illegible] display with paper weights here, there and everywhere, scattered about in [illegible]?



A clever woman in Connecticut has arranged her collection of glass paper weights on shelves in the window of a stair landing. From a vantage point on the stairs it is possible to look down upon them and enjoy to the fullest extent their beauty of design and color.

If a collection of rare glass or fragile porcelain is not segregated and properly housed certain dire results are bound to follow. Distributed promiscuously about, covering odd tables, mantel shelves and even window seats, the risk of breakage is great. The labor of keeping it in order is another serious factor and the dusting of innumerable pieces of rare glass or porcelain is a heavy responsibility with which to invest a servant.

(*Continued on page* 144)

The collection of Staffordshire ware of Margaret Morris Smith, home, at Poughkeepsie, N. Y., is on shelves in a den, [illegible]







EUCLID COME TO DECORATION

Beauty Appears in Planes and Angles

PAUL CHALFIN

THROUGHOUT the world of to day that modern monster—the ste built structure—has been called into bein stark naked. To dress and groom him i an appropriate fashion is one of the mi sions of art. His garments can either b those inherited from the past or ones e pecially made to order. Scarecrow or ga lant he will be, accordingly. And it is b way of fitting him gallantly that we me henceforth cherish and develop new ma terials, new methods of work and ne esthetic readiness.

In Europe artists of the first rank hav responded readily to these needs. Thus fa America has had her requirements satis fied mainly by inventors. American artist are not quite fully aroused to the impor tance of the situation as yet.

High spirits are called for and hard minds—hands none too fastidious, g masks and laboratory habits, scientifi company and machine-shop knowledge—a to bring the chemical and mechanica powers we have at hand into concerte action favorable to beauty.

That beauty, then when evolved has, and will have, disconcerting traits—aspects we want to name, and enhance c empt r by names, but which we will ne deny. We may almost be sure that it wil have very little in common with the treas ure of beauty which we have inherite from the past. It is the ungathered ele ments of a possible beauty that toda govern any art which is at all worthy t be called contemporary.

In the background of the present man ner lurks the English figure of Morris and the lesser known Belgian, Van der Velde. The Vienna secessionists are on a nearer plane. Joseph Hoffman, with hi geometric basis of both architecture and ornament, furnished the French a decad ago with a way out, after their discovery of the structural fallacy in *Art Nouveau*

To the Germans and the Viennese i due our appreciation of the straight lin as a source of beauty. Also from Germany much well-informed and daring colo usage has been derived. Recognition o the charm n woods, marbles, fur an feathers, as Nature colors them, has beer the contribution of France. The coo colors of the spectrum also have bee gracefully exploited in France; possibl one of the most characteristic features o contemporary work in general is the ap





and moldings, the modernist rooms boast ornamentation in other forms. Here a bed is carved in relief and finished in metallic colors. From Venturus, at Wanamaker's

ction of silver tones to the
list of all modern
ically as the
necessary architecture. Many
country week-ends
ian's in Austria
under the one
up in a
opliance
and
art of the
modern home.

In
room
as found
ctivity. The beauty inherent in structure
nd in structural processes has shown how
ife of movement discourages detail like
hines, or of materials artificially com-
windows than Vignola's precepts; the
any well-planned factory.

For these changes the courage and intelligence recruited has overlooked no element of the interior, so that once again
ornamented floor, the fretted ceiling, which had all survived in varied styles
achieved, and the skies remain in place.

With so many simplified elements, much work
an impression of austerity in the architectural part, while the furnishing, on the contrary, proclaims unheard-of sumptuousness in material. In quantity
stricted almost to the essential. Traditional features, such as the fireplace and the chandelier, are often absent. Frequently the color is cold though learnedly complicated, and often it is voluntarily designed to be unpleasing.

The rooms illustrated generally have been bared of bases, cornices and moldings. What was indispensable has been reduced to the utmost plainness. The ceilings are composed on simple planes determined by certain adjacent
Purposely the corners show set-out angles such as the use of modern
tion renders almost inevitable.

The color is in two tones of cool gray applied in plain paint without any after treatment of glazes, the color
on the recessed planes. Around the lacquer panels and doors, which form features on the end walls, these recessed planes are repeated twice. At salient angles of the

(Continued on page 142)







IF I WERE TO MAKE A GARDEN

The Dream of Everyman Is To Have An Ideal Garden, and How To Go Some Things To Go Into It

ERNEST H. WILSON, V. M. H.

If I were to make a garden, which I never shall do, I would proceed [illegible] mistakes like every reader of this has made [illegible] I would [illegible] area, on climate, on the topography of the site and on the soil. One should, of course, only approximate to them.

[illegible] country [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [



would blend into the landscape beyond. I
other words, I would have [illegible]
Or, not an exotic garden. And what do I
mean by this? I mean briefly that I would
have a collection of the most desirable
hardy trees, shrubs, vines and flowers that
could procure for the space at my dis-
posal. I would have these so planted and
blended that they would seem indigenous to
their homes. I would have them so arranged
that each could be admired for its individual
merits; and not only so, but massed to
enhance the charms of its neighbor by
contrast or by combination. The transition
from the lawn and garden to the wood-
land and to the landscape beyond should
be gradual.

There must, of course, be a variety of
this should be of the best quality. Near
the house no foundation planting of mean
Spruce or Pine, Fir or Hemlock, Arborvitæ
or Retinispora would obtain. On the east,
south and southwest aspects, so far as cir-
cumstances permitted, a wide border, ir-
regular in outline and filled with old-fash-





GROWING ALPINES IN THE ROCK GARDEN

Cultural Hints for Some of the Flower Gems Collected by House & Garden's Expedition to the Colorado Rockies

HERBERT DURAND

THERE [illegible] instead of being a difficult and complicated process, is in most instances one of the easiest and simplest forms of gardening.

The truth of these assertions was conclusively demonstrated by the House & [illegible] Colorado Rockies last summer. They were verified by soil tests taken in over a hundred typical localities, by close study of the conditions under which Alpine plants flourish in their native wilds and by observing their behavior when they were transferred to new locations where climate, soil and other natural phenomena were materially different.

For ascertaining the chemical reaction of the soils, the authoritative La Motte Indicators were used. The tests, however, were merely corroborative, for we knew from [illegible] soil is usually acid soil; and it was perfectly evident that we were in a [illegible] granitic region. We could see that the peaks and crests of the mount[illegible]



A [illegible] of [illegible] Alpine [illegible]



were built of solid granite and that the chaotic accumulations of rocks and boulders on every hand, as well as the numerous exposed slopes and outcrops, were all of the same flinty material. So, when our chameleon-like chemicals were applied to soil solutions and spelled "acid"—as they invariably did—we were not surprised.

Those who attempt the cultivation of Alpine flowers should bear in mind that success with them, as with any kind of plant, depends largely upon acquired and applied knowledge of their natural environment, their structure, their manner of growth, flowering and fruiting and particularly their adaptability to unaccustomed surroundings. In the high places of the mountains they make their homes and display their charms in every crevice and pocket where even a modicum of soil has accumulated; they transform drab and dreary slopes and hillsides into vast panoramas of brilliant color; they embroider with tracery of dazzling hues the marshy margins of glacial lakes and they bedeck the edges of melting snow-drifts and eternal glaciers with fringes of prismatic beauty. They work these miracles in a soil mixture of coarse grit and humus. On the slopes the grit

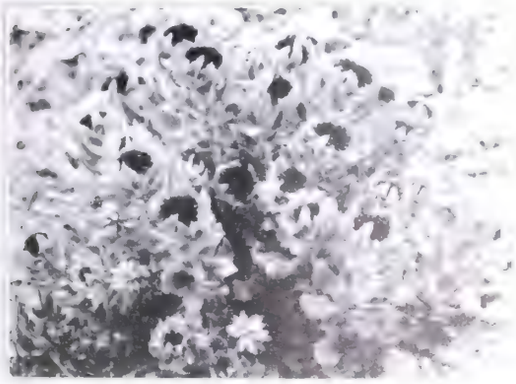
(*Continued on page* 174)

In the left foreground are the blue flowers of the Rock Forget-me-not surrounded by a showy white Sandwort

























A GARDENER'S MISCELLANY

LOUISE BEEBE WILDER

APRIL is the month of flowering trees. Through the gray woods the Maples most showy and in the garden little leaves unfold to arrival the spring flowers in their myriad forms and colors. Some are as delicate as new Pea shoots pod, some are tender as tall, and green, some are rosy, some dusky. Or [illegible] Columbine, Lupines of lovely form, the quaint garniture of the Larch trees, the rich rose color of the Maples. The rock garden [illegible] repays inspection at this season, for among the sparkling flowers are many charming leaves showing every variation possible to grow, to green, to rose and many that have a yellow sheen, and some of them very lovely and intricate form.

THE SMALL GERANIUM—These are among the choicest ornaments of the rock garden and though not quite so easy to grow as the taller species may still be considered among the plants that any careful gardener may attempt with a certainty of success. The Geraniums are all readily raised from seed but should be transplanted to their permanent places while small, as they object to removal once they are established. Three of the best kinds are *G. argenteum*, *G. cinereum* and *G. sanguineum lancastriense*. The last is the most amiable of the three being, indeed, quite indestructible when once its long root has thrust deeply into the nourishing, gritty soil of the rock garden. Its leaves are green and its blossoms a gentle rose-pink delicately veined with deeper color. The plant forms spreading mats and the flowers are produced in early summer

(Continued on page 182)

Geranium cinereum is a delightful

The best of the dwarf Geraniums for the beginning rock gardener is G. lancastriense. Once its long root has penetrated deeply into the soil it is almost indestructible





THEIR FAVORITE PLANTS

Symposium

APRIL [illegible] practical [illegible] by [illegible] eyes as well. Dwell [illegible] the garden [illegible] their descriptions [illegible] amateur is dismayed [illegible] what the kinds [illegible] acclimed by the [illegible] things. [illegible] what bewildered [illegible] garden [illegible] than [illegible] number of [illegible]

ORCHIDS

E. A. White

[illegible]

Aquilegias, *H* [illegible] *plant* [illegible], Delphiniums [illegible], [illegible], [illegible], Hollyhocks; *C* [illegible] [illegible]; [illegible], *N* [illegible]

ANNUALS

Mrs. Leon A. Stocker, [illegible]

[illegible]

Ageratum Blue Perfection; *Dianthus* Azure Fairy Satin; *Salpiglossis* Sutton's Poppies; *Phlox* Drummond Chamois Rose; Zinnia Mammoth Salmon Rose; Sutton's Lemon Queen; Deep Velvet-Blue Pansies—Bugnot especially good; Sutton's Apricot Queen; Petty's Jersey Gem Violas.

PERENNIALS

Mrs. Frances King

[illegible]

Anthemis [illegible], *Delphinium*; Peony Richardson's Giant; *Iris sibirica* Perry's Blue; *Iris tuberosa*; *Anchusa* [illegible] Dropmore; Physostegia, Loose and Gilson's strain; Oriental Poppies, Mme. Paul Dutrie; *Dianthus*; *Silene virginica*.

ORCHIDS

Mrs. Piers S. duPont

[illegible]

Brassolaeliacattleya Barmouth; *Laeliacattleya* Britains King; *Cattleya*

COLOR SUGGESTIONS FOR A GEORGIAN HOUSE

Livable Schemes for Furnishing and Decorating Five Rooms, Two Baths and a Small Roof Garden

PIERRE DUTEL

GEORGIAN [illegible] Derived from [illegible] of Greece and Rome, [illegible] the Adam and most [illegible] manner. Color is also a dominant factor and while soft pastel tones are characteristic of rooms done in the Adam taste, the earlier types of Georgian decoration were frequently notable for their use of sturdy, vigorous colors.

Following are livable color schemes for [illegible]

[illegible]

Walls: [illegible] and pilasters are marbleized to simulate dull violet marble, and the moldings of the [illegible]

Floor: Divided off into large squares of black and white marble, or covered in rubber [illegible] plain black, edged with a narrow line of [illegible] gray walls, and ornamented with a narrow classic border in relief set back about six inches from the cornice.

[illegible] silver gray. A painted decoration in soft tones of violet may be introduced into each panel. Hardware after an Adam design [illegible]

Furniture: A pair of white and gold armchairs covered in faded coral velvet and trimmed with old gold fringe. A painted console with violet marble or marbleized wood top, with a mirror to correspond used between the armchairs. To balance this composition on the opposite wall is a bench in white and gold upholstered in violet satin and flanked by a pair of wrought iron tripods filled with ivy.

Lighting Fixtures: [illegible]

[illegible]

Walls: Divided into panels, with chair rail [illegible] walnut. Doors divided in six narrow vertical panels, grained in walnut and enriched with a little gilt on the moldings. These doors are to be bordered with characteristic ornamental trim, ending in broken pediment top.

Ceiling: Decorative plaster work in the design of the period, with a center rosette. Fitted with crystal chandelier and side lights.



Mantel: Cream marble with paneled inserts of vert antique marble.

Floor: Covered in seamless chenille carpet in eggplant color. Small Oriental rugs in front of the fireplace and large sofa.

Draperies: Green and antique gold damask trimmed with eggplant fringe and made to fit under the trim of the recessed windows.

Furniture: Chinese Chippendale sofa with camel back, covered in same damask as curtains. A pair of Lawson armchairs done in quilted green satin corded with gold. A large sofa in eggplant velvet on the long wall, flanked by a pair of Queen Anne end tables in walnut. On these are alabaster lamps with gold taffeta shades. Cushions of gold and green silk. A secretary in old gold and red lacquer, with a walnut desk chair. A pair of needlepoint armchairs, some small tables and one floor lamp will add further comfort. There should be two or more portraits of the 18th Century School. A few small pen and ink drawings and decorative bibelots on the tables will lend color to the room and complete the atmosphere of elegance.

DINING ROOM

Walls: Divided into panels similar to the living room and painted a pale robin's-egg blue, with moldings rubbed with gilt and antiqued. The large and more important panels to be fitted with canvases painted in designs of old English garden scenes. The walls of the bay window are marbleized in imitation of sienna marble outlined with bands of terra cotta. Wrought iron brackets holding wire baskets are attached to the side windows and filled with ivy made to trail over the window trim. There are no draperies in the room.

Floor: Laid off with large squares of black and white marble or covered in rubberized linoleum of similar design.

Ceiling: Silvered and antiqued with gold and divided by painted designs and small pieces of shaped mirrored glass. The narrow wall panels may be filled with mirrored [illegible]

Mantel: A simple Georgian model marbleized in sienna and terra cotta color. Over this is a long mirror made of squares of glass held in place with gilt rosettes.

Furniture: A three pedestal table in walnut and eight painted side chairs in white and gilt, covered in terra cotta velvet. A pair of similar armchairs are used at each end of the table. Two old banquettes covered in gold damask are placed in the bay. A pair of walnut semi-circular commodes with marble tops holding colored glass comports are used on each side of the mantel and serve to balance one large walnut commode that is used as a sideboard at the other end of the room.

Lighting Fixtures: Lyre shaped side lights trimmed with sapphire glass drops, and a ceiling fixture consisting of a five-pointed star made of strings of blue glass beads.

MASTER'S BEDROOM

Walls: Papered in a Chinese scenic wall paper which has a yellow background.

(*Continued on page* 164)

A Little Portfolio of Three Styles



An 18th Century French Apartment in New York

A Child's Room in the German Taste

England in the Manner of Adam





One wall of the dining room is almost completely covered by an old painted screen that makes a background for the Directoire furniture placed before it. As these rooms have high ceilings there was space for pictures above the screen











The fireplace side of the room shows a balanced grouping of deep upholstered chairs with a large square ottoman between them. On the side of the fireplace opposite is a Directoire lamp and a chaise of the



One of the most interesting features of this apartment is the arrangement of pictures. Each set of lamps is large panels framed off by moldings. The fireplace fixtures and a group of chairs facing the fireplace are notable

...side the living room is en-

...t of lamps and pictures, some

...ures framed with the older

...ings of the adjoining room

A Child's Room In The German Taste





In modern German realism there is beauty and cultivated taste for all that is spread a modern simplicity and warmth of the past can in no simpler example than this room by Emil Jacobi for Herr [illegible]

Over the bed at one end is built-in shelves above it and built-in cupboards and drawers filling one side. Opening into this is the sitting room area which has a canopied ceiling that comes [illegible] the walls and a large book rest at one end

England in the Manner of Adam







Two pier tables and mirrors, Adam treatment. They are copied from a pair in the Adam room at Kenwood. The pier tables are of satinwood painted with classic figures and the mirrors are of carved gilt wood. The ornaments are Adam motifs, executed in a pair of Sèvres vases, are made of cast metals and pre-

In the left is a corner of the Jacobean room showing a fine example of 18th Century cabinet-work. It is painted Wedgwood blue and ornamented with vases and medallions picked out in white and gold. The curtains are of gold damask. Mrs. D. S. Minn was the decorator of this house





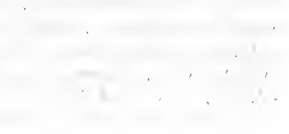
MANNERS AND MODERNISM

Sometimes We Appear Strangely Incongruous, We Modernist Americans, In the Furniture That Suited Our Forebears

KEM WEBER









WHAT is all this talk we hear about modern furniture?

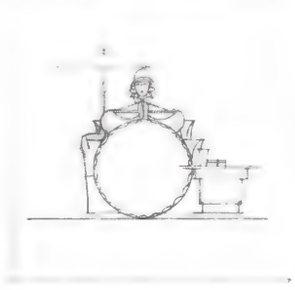
Why is America suddenly waking up to modernism—this most modern country of ours, with the most modern cities, filled with the most modern people in the world?

The answer probably lies in the fact that we are just beginning to appreciate how modern we are—that our manners are modern, our mode of living modern, yes, even to the way we sit in chairs. For a long time we have boasted the towering skyscraper as a symbol of America's advance over other countries, but only during a relatively short while have we realized that our contemporary mode of living should find its expression in furniture and the decoration of our homes.

Consider those skyscrapers. The fact that an architect decides to put Italian Renaissance cornices, columns or ornaments on his steel-constructed skyscraper does not change the building from its true expression of this time. Even the most colorful and most truthfully copied details on any of our modern towers will not fool the art historians of the future. They will realize, recognize and establish absolute proof that this is an architectural effort of the early part of the 20th Century. Even a private residence, however carefully its design repeats one of the great historic architectural styles, would be a dead give-away through its construction, its plumbing, its bathrooms and its electrical refrigeration plant.

The fact that a piece of furniture built today in Grand Rapids may be a copy of an old Spanish piece, does not eliminate the fact that it is a modern American creation. And all this talk about modern furniture simply marks an awakening to the fact that, ever since the invention and use of machinery as a basic factor in the manufacturing of furniture, we have been merely copying the forms of bygone days,

(Continued on page 154)

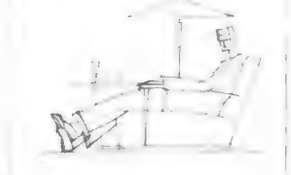














A PROVENÇAL BREAKFAST ROOM



The painted draperies decorating the wall panels are in shades of rose pink, gold and cadmium green. The woodwork is enamel pink with mouldings glazed to eggplant color. The classic statues in the corners are supported by old pink marble pedestals







PAINTED
IN THE STYLE
EMPIRE

THE VARIED PHASES OF POTTERY

A Brief Glossary That Explains Something About The Divers Kinds, Processes and Forms

MR. & MRS. G. GLEN GOULD

POTTERY and porcelain sometimes confused by the unlearned, are exclusively, for the line of distinction cannot be [illegible] opposed. In fact, certain kinds of pottery are classed as porcelaneous, which means they resemble porcelain. Stoneware, with its hard vitrified composition, is between the two, but is here included as its character allies it more closely to pottery than to porcelain. The simple distinction, and a safe one generally, is that pottery is opaque and porcelain translucent.

Pottery is [illegible] made of clay, chiefly modified by silica. It may be "thrown" on a potter's wheel, cast, or [illegible] glaze, or on the unfired glaze into which [illegible] Chinese *cloisonné*. Colored enamel, or enamel [illegible] put on with slip, which is liquid clay either [illegible] bled effect achieved with colored clays "wedged" together, resembling natural agate. Combed or marblerized wavy surfaces [illegible] nite designs are etched, or merely scratched in crude examples. *Sgraffito* decoration shows the body of the piece in clay of a different color through the cut or incised pattern of a surface layer, as in Italian [illegible] French *faux*— [illegible] Persian origin and many other processes and patterns add beauty to the otherwise plain form of a mere pot or plaque.

NECESSARY DEFINITIONS

Pottery is made of moistened clay which forms the "body"—paste—*pâte* in French. It is called "biscuit" after firing.

Glaze makes it impervious to liquids and is variously applied: outside the kiln; thrown into the kiln for salt glazing; or is "smear" glazed by another process. Glaze is translucent, like glass; enamel generally [illegible] king opaque; both may be clear or colored. There [illegible] many varieties, from the hard glass glaze of ancient Egypt and Persia, the eggshell glaze on Persian Rhages ware, the variegated harlequin and transmutation glaze of China, the tin or stannic-oxide glaze of majolica, to our common translucent lead glaze, and transparent pitted salt-glaze. Enamel hardened by flint makes a very brilliant covering.

Crackle is artificially produced in the glaze, varying in degrees of coarseness like crackled ice on a pond, and is especially valued in the Far East when employed on celadon, Satsuma, etc.

Luster, or metallic sheen, is obtained by various means and is sometimes classed by its color, as brown, bronze, copper, gold, green, pink, purple, ruby, silver, and violet. [illegible] is classed by resemblances, as in [illegible] which is the Italian, or *nacré*, the French, for mother-of-pearl; *ramage* [illegible] ble; and Gubbio [illegible] red named [illegible] town. Resist or reserved [illegible] ration receives the design in white on colored or colored ground.

COLOR ORIGIN

Colors are often of local fame, like the [illegible] dull brownish "Rouen red" or the old ware, the "Rosso di Viriglio" a yellowish red on Italian majolica, "Hawthorn Blue" which flows into the white on old English stone china, and the celadon greenish tones of China which imitate jade.

Designs are of innumerable types, many notable for one reason or another, like the Willow Pattern on Canton ware. They include such details as: the "dot and stalk," three-pronged "spur," and "vine leaf" on Hispano-Moresco ware; inscriptions in Persian, Arabic, mock Arabic, and European languages; the trailing "vermiculate" on English pottery; the lambrequin or canopy effect on old French ware; radiating compartments—the *rayonnant* style of Rouen, and the *tirata*—ribbon or strap-work on Italian maiolica work.

Objects, too, retain their original names, from the classic urn—Krater—to the Chinese Ginger Jar, the Italian Alberella—drug jar, the Grotesques of English, German, and American manufacture, and the vegetable and fruit forms like Cauliflower, Melon, and Pineapple wares. Statuettes are legion, from those which were found in Chinese and Egyptian tombs to the delectable figures from Tanagra.

The feel of the ware, the play of light upon it, the color, the shape, the design all contribute as much to the joy of the owner of a piece or two as to the collector who has a thousand or more.

A POTTERY GLOSSARY

Astbury ware is English about 1700-50 made by Astbury; buff, gray, or red; with stamped white decoration applied.

Barbotine ware—painted with slip of *barbotine*; notably French Haviland.

Basaltes—called by Wedgwood "Black Basaltes" and "Egyptian Blackware," imitating natural basalt rock.

Bayreuth—red pottery, brown glaze, silver and gold decoration imitating Böttger ware.

Bellarmine, *Bartmann*, or *Graybeard*—salt-glazed stoneware jugs or bottles made in the 17th and 18th Centuries; Flemish, German, or English; body globular, grotesque mask on neck; named derisively after the 17th Century Cardinal Bellarmine.

Bennington Ware—made at Bennington, Vermont, 1846-58, by Lyman & Fenton. It is either Parian, White Granite, or "Flint Enameled" which is a fine Rockingham ware. The glaze is hard and brilliant. Colors are mottled in brown, yellow, and olive, with dashes of dull blue and red.

Bianchetto—Italian pottery with a white slip covering, painted after firing; resembles maiolica, sometimes imitates della Robbia ware.

Bucaro—so-named by Portuguese. A Chinese unglazed red stoneware with relief decoration; made in the 16th and 17th Centuries; imitated in Holland, England and Germany in 17th and 18th Centuries.

Böttger—hard red stoneware, taking high polish; made by Böttger at Dresden about 1709-19; inspired by Boccaro ware.

Canton or *Nankin China*—coarse white stoneware or porcelain, made at Canton, China, in the 18th Century. Decorated in blue with the Willow Pattern, a landscape with Willow Tree illustrating a Chinese story, and the Fitzhugh Pattern taken from a porcelain design.

Castel-Durante—an Italian ware painted with great freedom; molded figures and grotesques; often used for candelabra.

Castleford—a semi-translucent slightly glazed white ware, English about 1800-20; decorated in relief with figure groups, Liberty head, American Eagle; and with

(*Continued on page* 146)



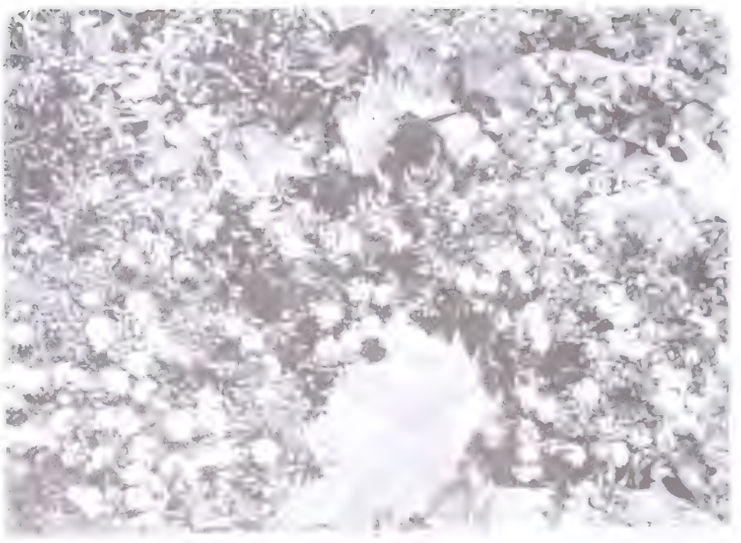
GROUND COVERS FOR MANY CONDITIONS

[illegible]

HENRY [illegible]

JUST as new dress ornaments add the finishing touches to the toilet of a woman, so do ground covers complete and embellish the landscape picture. Used to cover bare spaces between larger plants, to fill crevices in wall and terrace, to edge lawn shrub beds so they will meet smooth expanses of turf and as a substitute for grass under densely shading trees they fill an important rôle in the planting scheme. Nevertheless ground covers are useful only in connection with the artistic side of gardening, for they serve a utilitarian purpose as well. They form one of the best mulches for plants, keeping the ground cool and moist by protecting it from the direct rays of the sun. In winter, too, they do much to prevent the constant thawing and freezing which is always so fatal to the root systems of many of our plants.

Too often, unfortunately, this last detail of planting is omitted. Shortness of purse or





Above, right: Waldsteinia lucida, hardy as a mass in the rock garden or other well drained place is Daphne cneorum, a flowering subshrub that is perfectly hardy

the tall things like Blackberry,

woodlands, to such small

most intimate gardens.

prise shrubs, semi-shrubs, perennials and annuals. For the

covers which can be used in the





IN A CLEVELAND GARDEN

From the house a lawn margined with trees, shrubs and low evergreens leads to the broad steps of a sunken garden. Here, as elsewhere, the beauty of perfect simplicity obtains





Photo by William Perry, Jr.

SPRING MAINTENANCE IN THE GARDEN

Some Practical Guide-posts to Mark a Clear Road Through the Rush and Bustle of the Early Season

H. STUART ORTLOFF

EACH spring we are greeted by the same garden problems, the solution of which means much in the success of our garden scheme throughout the coming season. There is no garden that can be planted once for all. Even the permanence of the perennial garden depends to a great extent upon intelligent maintenance.

Springtime is the most interesting period of the year for garden work, for then we seem to reap our harvest of results so promptly, not having to wait through the long winter to see our handiwork bear fruit as is the case in fall work. On the other hand, spring work is extremely exacting, for there is the element of time to be considered and we must start our work promptly when the frost is out and the soil warms sufficiently to work, [illegible] to be able to accomplish all that we set out to do. Fall is the only time that we may proceed [illegible].

While [illegible] best planted in the fall or that evergreens are best moved in August and September. [illegible] had from such a schedule there is no reason why our gardens should be barren of such things this coming season if we didn't have the foresight to plant last fall. However, in this instance let us consider the spring problems which are sure to be presented by an established perennial garden.

DIVIDING PERENNIALS

It is remarkable to observe how rapidly perennials increase in size when they are satisfied with their environment. The most [illegible] to the weaker plants which are often the most choice, and continue to crowd in until they either succeed in starving them or smothering them to death. If such strenuous plants are not repressed they will soon, like the camel in the tent, have the whole bed to themselves. This might not be so unfortunate if it were not for the fact that for the most part these plants are the weedy and coarser varieties that were employed, in the first place, as fillers to support the more valuable varieties until the latter had had a chance to increase in size.

The hardy Asters, Physostegia, Boltonia, Helianthus, Helenium, Phlox and Chrysanthemum are the worst offenders. They should be dealt with in a strenuous manner when they have outgrown their bounds. If they are dug up in the spring and divided with a spade into several small clumps, and only a few replanted, we can keep them where they originally belonged. This sounds frightfully brutal but they seem to relish the operation, for they immediately begin to grow again and have a more abundant crop of larger flowers. If they are left to themselves they soon run out and deteriorate in size and color.

When we have taken these clumps out for division we have an opportunity to rework the soil in and about their old locations, and to fertilize with bone meal or some other good commercial fertilizer, if we are not so fortunate as to have on hand [illegible] well-rotted manure or humus.

FERTILIZERS

Generally speaking, if we [illegible] the soil [illegible] we [illegible] and have taken [illegible] cultivation and have mulched [illegible] with manure or some other humus-making material, and have scattered a few handfuls of bone meal on the surface after cultivating, we do not need to be worried about the fertility of an established garden other than to apply a sprinkling of lime each spring if the soil seems heavy or slightly acid. We can coax individual plants to a greater effort by the working in of bone meal or sheep manure, or the use of liquid manure when they are in bud, and by this working in of fertilizer when we are dividing. Almost all gardens should be done over completely every five or six years—everything taken up with the exception, perhaps, of the Peonies, although old clumps of these should be divided once [illegible] to get the best results. This is the time that the gardens can be fertilized thoroughly for the next period of years.

When the divisions are replanted we should try to maintain the original color scheme if it has been a success, or rearrange it if there was much room for improvement. Replant only a few of the divisions and utilize the extra space for a few new varieties. The perfect perennial garden has yet to be planned and planted. Every garden would be more beautiful if we continued to refine it each year. The list of novelties and new varieties of old favorites is very large and is ever on the increase. The garden should be kept up to date much after the fashion of following the prevailing mode of dress. Old plants can be discarded occasionally, or their quantities limited when we are dividing, and their places taken by others which are new.

While we are considering this question of replacement we should not overlook those things which failed to appear this year, or that long list of pseudo-perennials which are best treated as biennials. The Foxglove, Aquilegia, Hollyhock and Sweet-william are among these. They become woody or else winter-kill very easily and we often wonder what has become of them. A new crop should be sown in the seed bed each year so as to be ready for replacement.

When we are taking care of these contingencies there is a good opportunity to check over the bed and see if we have enough plants to carry on the succession of bloom in good order. Plants of the Verbascum and Veronica type, as well as Lilies, are very essential for the midsummer garden, and the Hardy Chrysanthemums, Mallows and Asters are needed in abundance for the background of the fall garden. Spring is the time to make sure of these.

Summer flowering bulbs must also play their part. Gladiolus can be planted every week until almost the first of July, and thus give us a grand splash of color among the foliage of our Iris and Peonies or in front of the Chrysanthemums.

OLD-FASHIONED BULBS

A number of real old-fashioned bulbs are quite good, too—Tuberose, Summer-hyacinth, Ismene, Montbretia or as it is officially called, Tritonia (but this latter name should not be confused with the Red-hot-poker Plant or Tritoma, which is also good in the perennial garden and is best treated as a summer flowering bulb). Save for the Mignon types and some of the tall singles, Dahlias are a little coarse for the perennial garden. They really deserve a bed of their own, but they should be accommodated somewhere for they come at a time when their bloom is more than welcome.

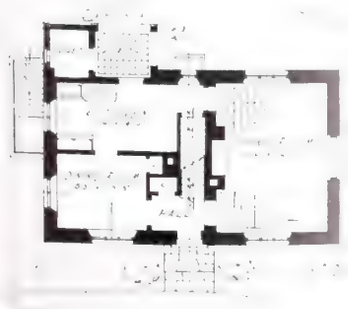
In speaking of summer flowering bulbs I am reminded that I have not mentioned the proper care of the array of spring flowering bulbs that are present in most gardens, especially the Tulips and Narcissi. The trained gardener lifts these each year and allows them to cure and then

(*Continued on page* 194)



HOW MUCH HOUSE FOR YOUR MONEY?

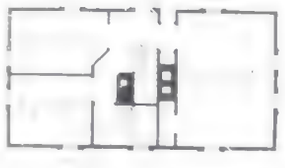
FROM the beginning of the [illegible] ending in actuality the domination [illegible] on in the mind of the average homebuilder [illegible] cost. Cost considerations accompany [illegible] ally every thought of planning [illegible] decoration. This element of cost [illegible] ates decisions, often unfortunately [illegible] omebuilder, because he is led by [illegible] reduced expenditures into paths [illegible] tion which lead only to disappointment. Of the thousands of articles written on the subject of homebuilding, almost [illegible] ligiously avoid this important subject. Is considered dangerous to discuss the cost



[illegible] BY STANLEY TAYLOR

[illegible] varied that no basis for such discussion is left? Perhaps the latter question offers the real reason. But if it does, this fact alone need not prevent an interesting discussion of the cost per [illegible] or "How much [illegible] ment of money?", or "How much [illegible]

The homebuilder usually starts his project from one angle or the other. Either there is a limited budget and definite amount [illegible] maximum size and type of house which he must have and wishes to achieve at the most reasonable cost possible. Regardless of [illegible]











general measure—some scale which wil help to answer the question—would be wel comed by every prospective homebuilder This is particularly true in the tentativ stages of a homebuilding project, when th approximate size of the house must be de termined before it is possible to enter upo the first stages of planning.

This is the first of a series of article which presents a measure developed for th use of prospective homebuilders in order t help them answer their first and greates question. By reading this article it will b quite possible to form some conclusion as t the size and types of houses which one ma expect to obtain through an expenditure o from $10,000 to $15,000 on the house alon

This article does not represent an effor to show how cheaply a house may be built because, after all, the introduction of cheapness into the homebuilding investmen is the greatest fallacy. The elements which should be introduced are ingenuity in pla and in the use of materials; frank limita tions of size where necessary, and the simpli fication of styles. All these may be introduced and should be introduced to insure sound economy. But no economy can ever result through the sacrifice of quality in design construction or equipment. To indicate in a general way how much house can be ob tained at costs between $10,000 an $15,000, three houses are shown which have been actually constructed at a very recent date within these price limitations

The houses are designed by capable archi tects who have given careful thought to economies of plan and construction. A glance at these illustrations will show tha there has been no sacrifice of architectura charm. These are houses which have been built to come within a given price range and they represent relatively a maximum in appearance, efficiency and comfort for the amount of money which has been in volved in their construction.

When we speak in this and ensuing arti cles about the cost of a house, it is to be definitely understood that we have refer ence to the cost of the house alone. The figures given do not include the land nor the landscaping. They represent the ex penditure for building materials; the equip ment; the contractor's labor costs, overhead and profit; and the architect's fee. In other words, the cost of the finished building

(Continued on page 156)

The Colonial style house at the top of the page and the English one at the left, employ exactly the same plan, reversed. Both houses are essentially simple rectangles with porch and garage wing added

As they are shown, the plans above were used for the English house. On the first floor are four rooms, bath and garage. The second floor has three bedrooms and a bath. Each bedroom has ample closet space

REFERENCE DATA FOR THE BUILDING OF A TEN TO FIFTEEN THOUSAND DOLLAR HOUSE

ACCURATE ESTIMATES

FOR a given type of house, the cost almost directly in proportion to volume, contained within the building, and costs for the use of [illegible] range about 50 cents per cubic foot. An approximate may be obtained from a knowledge of cost of builders the use of the house [illegible] kept well within the limits given in the following [illegible]

For example, at [illegible] cents per cubic foot and the amount of money it is possible to expend on construction is $12,000, the [illegible] now that the house may contain approximately 24,000 cubic feet. This table may also be used by means of [illegible] approximate cost when the number of cubic feet desired has been computed and the cost per cubic foot [illegible].

To estimate volume of a proposed house, accurately compute the [illegible] building, to the outside of the [illegible] multiply by the height in feet from cellar floor to the average [illegible] volume of ells, wings and [illegible] and one-third the volume of [illegible]. Detached garages, unfinished [illegible] taken at two-thirds their [illegible] in cubic feet. The total [illegible] shown by the adding together [illegible] figures may be used for [illegible] approximate cost of building.

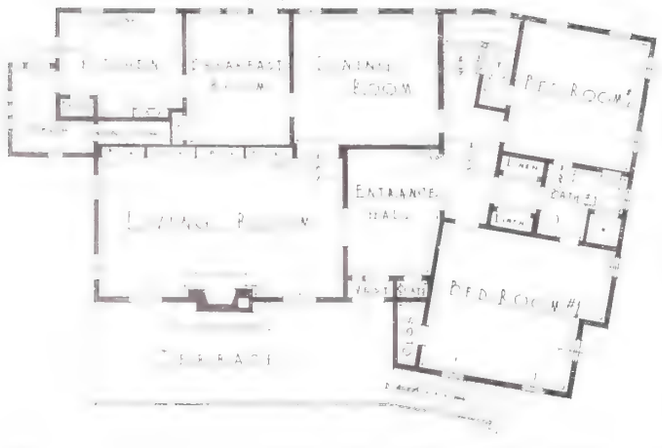
	$10,000	$12,000	$15,000
	Cu. Feet	Cu. Feet	Cu. Feet
40c	25,000	[illegible]	
50c	20,000	[illegible]	
60c	16,600	[illegible]	
	$ 8,000	$ 10,000	
	Cu. Feet	Cu. Feet	Cu. Feet
40c	20,000	25,000	
50c	16,000	20,000	30,000
60c	13,300	16,600	25,000

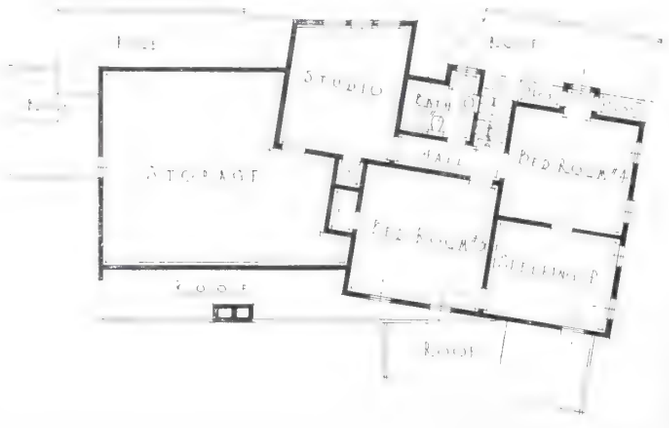
COST FACTORS

The cost of small houses of good quality ranges today from a minimum of [illegible] per cubic foot to a maximum of [illegible] cents in the neighborhood of New York. This wide variation depends upon the size of the house and its roof, the type of construction which is employed, the materials selected for exterior and interior finish and the completeness and quality of necessary equipment as heating, plumbing and electrical systems and fixtures. The following data constitute not only but will be of great assistance to the prospective home-builder in giving an idea of what he may obtain. More detailed information as to costs can always be secured from local architects [illegible] differ in various sections of the country, and to have the architect take actual contract figures from reliable contractors. Thereafter changes must not be made on the job as most often highly expensive.

[illegible] special details, leave a room unfinished, or [illegible] making an investment more valuable and in actually getting more and better results for




KITCHEN
BREAKFAST ROOM
DINING ROOM
BED ROOM #2
LIVING ROOM
ENTRANCE HALL
BATH #2
BED ROOM #1
TERRACE


ROOF
STUDIO
BATH #2
STORAGE
HALL
BED ROOM #2
BED ROOM #1
ROOF
ROOF



AN ALABAMA RESIDENCE ON A SLOPING LOT











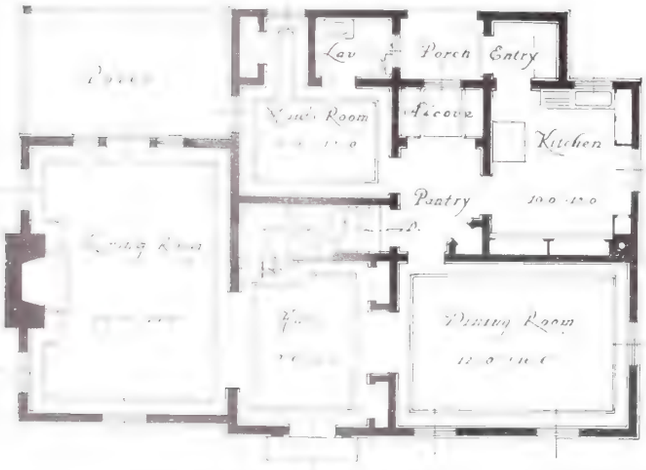


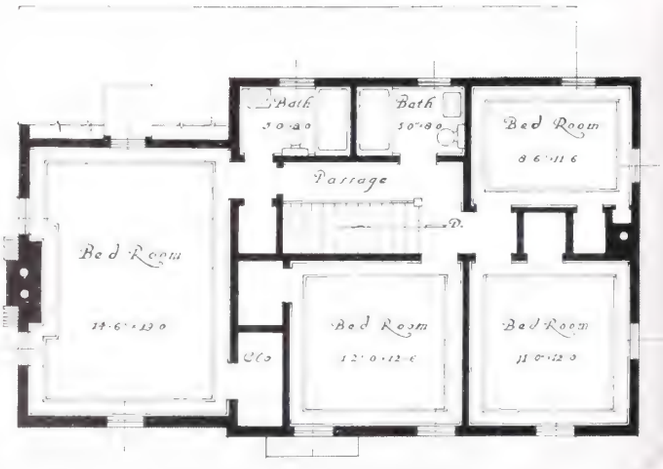


rather unusual dormer windows.

WHERE DORMERS CUT THE EAVES

All three rooms ... maid's chamber are on the first floor so that the second floor is ... and eaves. The master's bedroom is immediately above the living room and is slightly larger than it







AN ENGLISH

TYLE IN SOUTHERN

CALIFORNIA







Shaded by the balcony, the terrace offers relief from the sun's glare. Terrace and grounds are partially concealed by a brick-pillared wall with inset lattice panels. Katherine Bashford, landscape architect




MAID
BATH
MAID
11 x 11
LIBRARY
13 x 16
TERRACE













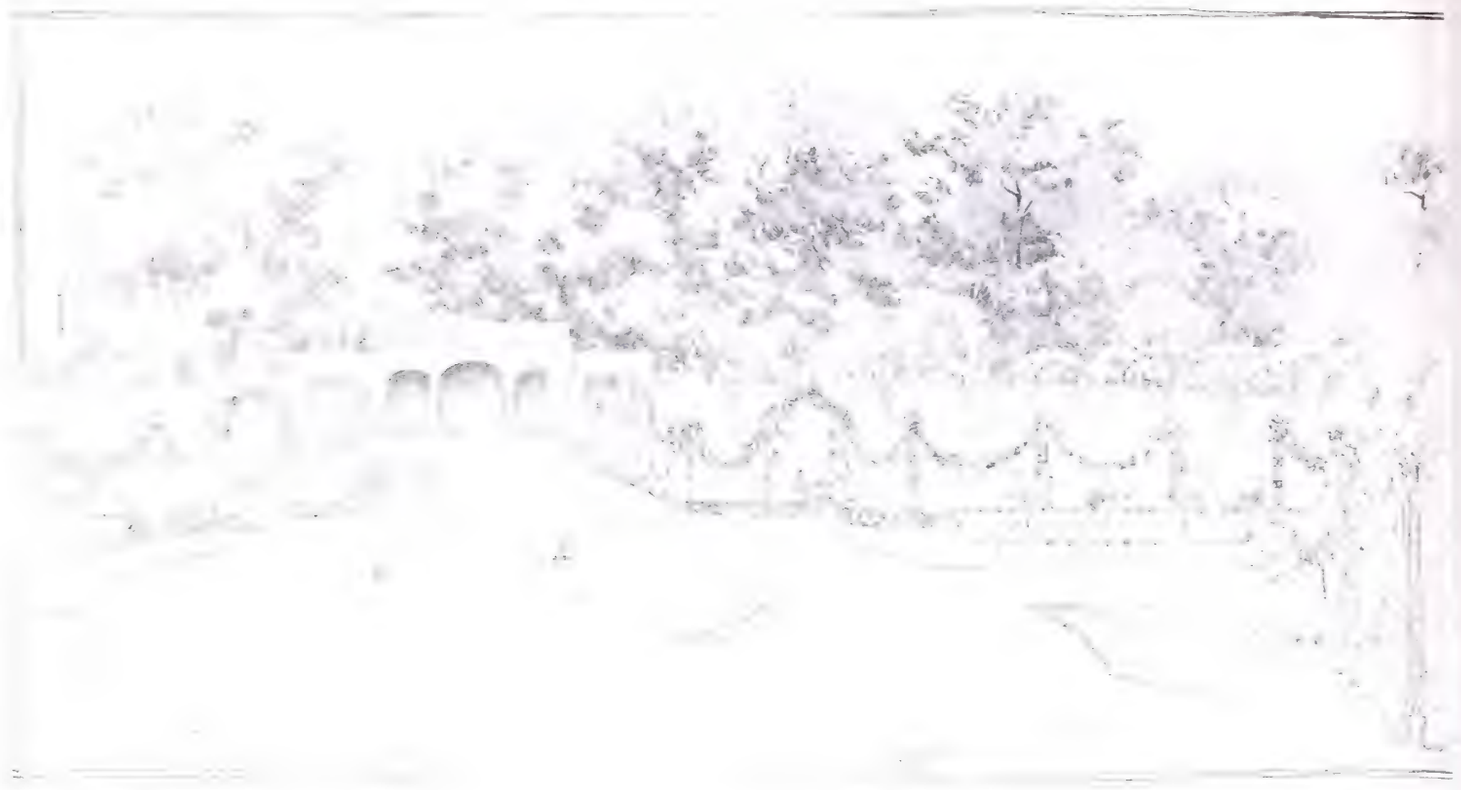




MODERN LAMPS AND LIGHTS







ROSE GARDENS FOR TOWN BETTERMENT

[illegible] Parks, Suitable for Private and Civic [illegible]
[illegible] Suggestions for Public Ornamental Display

By ALBERT D. TAYLOR

In [illegible] conceal the [illegible] soil which is the chief [illegible] three feet along the borders of the main axial walks. Within the smaller garden units it should be kept much lower in order not to conceal or detract from the display of the bloom directly back of it.

The walks throughout are of gravel and edged with brick of such color as to blend with that of the gravel. The brick serves to hold the gravel in place and to make a neat edge. Turf is used to increase the width of the major axes, while in the small [illegible] tart border in these garden units, the observer is brought closer to the individual plants without being placed under the necessity of leaving the walk.

The major axes are additionally accentuated by the placing of wrought iron Rose [illegible] with chain or rope swags over which Climbing Roses are to be trained. At the entrances to the four units or gardens, arches are raised from the posts defining the entrance. The effect which is desired is that only a partial view of the panels or gardens is given, and the observer's interest is largely held to the architectural items within his view from the two principal axes. Opposite a suitable architectural entrance is located a shelter which is raised above the general garden level and from which an interest- [illegible] of [illegible].

At the intersection of the principal axes [illegible] single water jet. The incorporation of this water feature is of value in supplying an [illegible] although no garden.

Surrounding the whole garden is an elevated terrace or promenade from which a changing perspective view of the various units is secured as the observer travels from point to point. This promenade is covered with wrought iron Rose arches supported on wood posts. The arches are spaced about twelve feet apart. Enclosing the garden is a lattice fence over which Roses are trained and back of that are planted suitable trees and shrubs. The whole bordering unit of arches, lattice fence, and tree and shrub planting should give the desired screen which would serve to confine the observer's interest to the interior of the garden.

The planting bordering the walk on the elevated promenade is intended to be of blue flowering perennials that will serve to contrast, but not compete with the gayer colors of the Rose blooms.

Each square unit will hold approximately 456 plants if sixteen inches apart (four rows in outside five-foot-wide beds) or 346 plants if eighteen inches apart (three rows in outside five-foot-wide beds).

The best effect in a show garden is obtained from mass and close planting of one variety to a bed, the angle beds being considered as two, thus making fifteen beds, although the two larger ones in each unit,



The GARDENER'S CALENDAR for APRIL

... the climate of the Middle States, but may ... from five to seven days later or earlier in ...

THIRD WEEK

F ... new growth gets under way. Transly assured of such conditions of ... the essential growth of new roots.

If space permits, the planting of ... and dense conifers so as to form a ... as the years go on. In time, such a sheltered spot will exclude cold winds and be a welcome nook on ... prising how much difference a ... ness of vegetables and other plants. ... direction of the prevailing cold winds of the early season, such a protection will often mean advance... for the plants growing in its ... as this. Even though they are not so protected, one must ventilate them now at midday by raising the sash at one end, or the temperature ...

Ventilation is important, too, in ... beds. After germination there is ...

SECOND WEEK

SOIL fertility and texture are often the two most important ..., and many methods are employed to make them what they should be. ... wise gardeners either dig in the mulches which have protected the hardy plants during the winter, or add them to the compost heap where they will help eventually to make ideal soil.

Another way of improving texture is to mix peat moss or pure ... or over the whole area to be ... immense benefit by reason of their moisture-holding qualities. They are ideal for spreading in the trenches, drills or hills where seed sowing is to be done, for they tend to stabilize the moisture and provide a free root-run for the tiny plants.

... sown in peat moss or ordinary soil, will not germinate properly unless ... Such a favorable condition can usually be looked for about the time the leaves begin to come out on the Maples.

While on the subject of soil, ... perience in bringing wildflowers ... always wise to give them rich soil. The beauty of some of the wildlings lies in their fragility, and this may be lost through overstimulation. Our native eastern ..., positively gross when encouraged ...

... the other hand, are made much more handsome and attractive by ...

THIRD WEEK

A GARDENER may be known ... carpenter by his chips. Thus, all cutting implements will be kept clean ... and sharp—even the hoes and spades. If the business edges of these last two tools are put on the grindstone occasionally, or even sharpened with a coarse file, they will do better work more easily.

Keenness of this kind is especially ... and other turf edges with the spade ... job, by-the-way, which ought to be done now before the grass gets ... spring rolling of the whole lawn, another attention which will pay its dividends of appearance as the season advances.

On the planting side of the week's activities, the first batch of ... have a well-drained, rather sandy spot for them and the season is not backward. From now on to early June additional lots may be put in at ten-day intervals so as to furnish a succession of bloom.

And then there is the setting out of well hardened young plants grown in paper pots, and of shrubs and other nursery stock that have been delivered with their root balls wrapped in burlap. In both of these cases the planting is to be done without removal of the containers and consequent disturbance of the roots. Pot and burlap alike will rot away by themselves after they are in the ground.

If you are setting out any plants which have been grown in regular pots, such as the Roses which some concerns sell in this way for spring planting, be sure to firm the soil well around them after they are put in.

FOURTH WEEK

IF you covet a little cluster of Troutlilies in your wild garden early next spring, and plan to collect them from the woods, it would ... to mark a colony of them now while these lovely little plants are in bloom. Troutlily leaves die down soon after the ... and unless you know just where to dig it will be difficult to find the bulbs a couple of months hence.

... equally ... other blue halt of wise ... is the same—Waterlilies. If you have never tried any of these real flower gems, be sure and get some this spring. Don't hesitate because they are aquatics, for they are not at all difficult. Even a tub sunk level with the ground can be made a wholly successful little Waterlily pool.

About this time of year, the perennial weeds of various sorts begin to show real signs of life. It may be a temptation not to bother with them now, or at most merely to break off their expanding leaves, but do not be deceived. If their whole root system is not grubbed out there is more than a chance that their grip on life will be only strengthened by efforts to dislodge them.

And keep an eye out for the green worms on the Currant bushes. These pests start their destructive work as soon as the foliage expands. Arsenate of lead spray is the standard remedy for them, as it is for the majority of insect pests that actually chew the foliage of plants.

Two or three sprayings at intervals of ten days are advisable for these destructive Currant worms, since successive broods of the beasts may hatch out during a few weeks at this important season of the year.

... to it. Cold May Weather with no wallop. No, it's a matter o' easin' up ...

"Yep, it's slow, sure', but there's a lot o' comfort in them half ... spray an' fuzzy, Maple twigs takin' on a brighter color as ye look down on 'em from the hill road.

... grounds. Along the sunny side o' the stone walls the snow begins to look kind o' worn-like. On the south slope o' Cooley's Mounting, where the Upper Pasture butts ag'in the ledge, the Oak leaves are layin' warm an' brown. Poke around among 'em an' ye'll find the teeny silver silk Hepatica buds hangin' their heads like they wasn't quite awake, an' mebbe one or two of 'em thet have opened an' caught a piece o' the blue sky to play with. An' as the breeze comes down, cool an' damp, from the bare woods up above it brings thet sweetest an' wildest of all country smells, the smell o' Trailin' Arbutus blossoms snugglin' together as they send out the word thet Spring—real Spring—has come back at last."

BOUILLON

blended "just so"!

Bouillon is a soup which requires the master-touch of the skilled chef. . . . A soup of beautiful amber-like clarity, it must also possess just the proper body or strength. The flavor must be developed with the nicest care. Campbell's Bouillon reveals the French [illegible] working with a deft hand. . . . Rich beef stock is delicately flavored with celery, onion, leek, parsley, herbs and seasoning. Every spoonful charms as well as invigorates.





In a busy home-kitchen, it is a genuine help to have such a delicious soup as Bouillon already prepared for the table. . . . Campbell's Bouillon requires but the addition of an equal quantity of water, bringing to a boil and simmering for a few minutes. . . . A soup that is delightfully stimulating and [illegible] valuable for invalids. . . . The complete list of Campbell's Soups is on [illegible] 12 cents a can.

Interesting French pieces in a breakfast room grouping



—we search the world

for distinguished furnishings

OUR representatives travel to the far corners of the earth to find the best for American homes. Here we devote eight floors to the display of these furnishings, and offer a worthwhile service in connection with their use.

Whatever the nature of your decorating or furnishing problem, we shall be glad to co-operate with you. Consultation with our competent staff will not obligate you. If you are interested in some piece or group of furniture, but cannot conveniently visit us, write and we shall gladly tell you just what we have for your purpose.

John A. COLBY and Sons
Interior Decorators-Importers-Designers
129 North Wabash Avenue
CHICAGO

Antiques *Reproductions* *Period Furniture*



There is a rapid method of displaying small china. Pots of varying angles are thrust into a slatted wall paper and filled with interesting bibelots

EUCLID COMES TO DECORATIO

(Continued from page 99)

rooms, long vertical units of the wall are curved or set on angle, and these units are channelled so as to catch interesting and varied light and shadow. The channelled parts are given [illegible] low tone necessary to catch the play of light, leaving the [illegible] plain and unbroken. They are [illegible] to make a color emphasis to [illegible] which would [illegible] light and shade.

Such a system calls for a sound [illegible]. It is easy to take off legible those features that might appear obscure when seen only in the card, and what of illustration.

[illegible]—but beyond sanity lies madness. In France much voluntary madness has been perpetrated. Whether [illegible] sound, the work of Cheruit, with the fundamentals themselves been recast in character, is [illegible] consider cranky. But the exquisite novelties shown by [illegible] with most charming color and [illegible] yet [illegible] of a comfortable chair. Manifestations still newer [illegible] Muller-Stevens and Dio-Bourgeois [illegible] Frances Jourdain, who [illegible] appearance, [illegible] luxurious [illegible] in plan that one is [illegible] over the verdict of the household of the Rue Muller-Stevens [illegible] calling them misdirected. The bless of light and air, room [illegible] grow things, and color [illegible] are [illegible] strongest, will speak [illegible] eloquently than tradition. If the diet be yea, much novel form [illegible] in [illegible]



The under-sea motif in decoration is apparent in this background which is black lacquer ornamented with gold and silver gilt. Venturus, at Wanamaker's

Rain or shine or Monday morning

CANNON TOWELS

keep their colors flying, proudly



CANNON TOWELS

CANNON

You can soak Cannon towels as long as you like. Boil them as hard as you please. Put them in the washing machine and wash them out. Wring them and hang them out in the blazing sun. Leave them out if a storm comes and the winds can blow and blow. The pink elephants won't run. The green whales and the blue ships won't fade. The orange marmosets will be every bit as bright as if they were just off the looms of the Cannon mills.

For colors in Cannon towels are fast.

This is true of huck towels, turkish towels, bath mats, bath sheets and wash cloths. Of the conservative striped designs, the conventional floral patterns and of the gay [illegible] towels illustrated on this page. Of every Cannon towel that has color in it, whether the price is twenty-five cents or two dollars.

Send Cannon towels to the laundry with the utmost confidence. They will come back as colorful and fresh as the day you bought them. Pack them off to school with the children—colors last as long as the towels.

Cannon towels give almost incredible service – one reason they are used in most of the great hotels of America. They lead busy lives. They are washed repeatedly, used continually. Yet a high-class establishment must provide guests with towels that are always luxurious looking and delightfully pleasant to use. In these hotels, as in your home, Cannon towels satisfy every requirement.

Furthermore—a point which every good manager of a home or a hotel appreciates—Cannon towels are not costly. They are a thoroughly good buy. On sale in dry goods and department stores everywhere. Turkish and huck towels; wash cloths, bath sheets, and bath mats. Prices 25c to $5.50. Cannon Mills, Inc., 70 Worth Street, New York.

Carlin



Comforts

Myriad times and often loveliness. Bed coverings and boudoir accessories that tempt a caress. Come and sense the almost bewildering charm of these Comforters, Cushions, Spreads and Blankets — so varied in color, design and treatment — so exhilarating — so intimately expressive — so flooded with possibilities for achieving one's most cherished decorative plan. Here, too, will be found delightful and unpredictable things for boat and train.

Carlin Comforts Inc

Chicago
662 N. Michigan Ave., at Erie

New York
528 Madison Ave., at 54th St



For true elegance in small and precious things, nothing could be better than [illegible] exquisitely executed.

HOUSING YOUR HOB

(Continued from page [illegible])

Each [illegible] a different [illegible] only almost of equal [illegible] of extraordinary interest, and they become invariably by contrast and comparison with the necessarily homely [illegible] with which they must contend [illegible] collector [illegible] delightful about the various living rooms of these [illegible].

A well-chosen example of perfect housing for a unique collector's hobby is the "dog room" in the home of Margaret Hoom Smith. Here upon shelves of suitable [illegible] for collection of Staffordshire dogs, [illegible] spread and contrasted with an eye to color values. These dogs [illegible] by visitors and [illegible] as to the exact history, [illegible] of the history or value of the china dog, they present a pleasing and harmonious picture [illegible] decorative and amusing hobby.

Beneath the [illegible] are [illegible] for [illegible] and [illegible] make pertinent to the dog. [illegible] are old hooked rugs of [illegible] type. The metal grilles [illegible] for covers except in the instance of the window, they are [illegible] with removable metal trays at [illegible] and are used for the [illegible] of keeping and showing [illegible] Scalyham puppies.—Scalyham, Yorkshire terrier being [illegible] hobby of Mrs. Smith's.

The very small examples of [illegible] and pottery dogs of various [illegible] Bow, Whieldon, Sèvres, Bl[illegible] ter, and others—are kept in [illegible] with glass doors and shelves [illegible] shelves, handsomely protected, the [illegible] will have plenty of light to [illegible] enhance their miniature charms.

After dark the "dog room"

(Continued on page 164)



In one country place the barn loft is given over to a collection of antiques, and the bottles, colorful and varied-shaped, [illegible] along the rafters and shelves hung on the wall







eep this PRICELESS RECORD *of their* *Childhood Days*



HOW fast they grow! Never the same from one day to another. Always changing . . . from babyhood to childhood, to adolescence . . . then they're gone forever. It's the one blem every mother has to face.

on't let another day slip by without ing this priceless record of your children. p them forever just as they are today . . . ey never will be again . . . in a wonderful ie that you make yourself.

ou photograph them in action! Running romping . . . laughing . . . living in their by, carefree way. Today you can capture l on a thin strip of film, to flash into light live again in the quiet of your darkened n.

very little motion is there. Every ges- . . . every smile . . . every flash of per- lity . . . you get each expression, to y over and over again in a movie on r own silver screen.

ust think of what this priceless film will n to you . . . in three, in five, in ten rs' time.

[. . in a Wonderful Movie that you make yourself]

me Movie-Making Simplified

hard work is done. The months years of research have passed. , thanks to the effort of Eastman ntists, Home Movies are as easy ake as the ordinary snap-shot.

he camera is simplicity itself. No l to focus. No grinding crank. sight it either from waist height ye level.

hen press the button. A shutter



Now comes the greatest thrill of all. When the films are taken, your work is done. We develop them for you at no extra cost, and return them ready to run on your own silver

Projector . . . a remarkably ingenious device for throwing the moving pictures you have made on the portable screen that comes with

Then instantly . . . almost magically . . .

Movies have been simplified at last.

pictures, "America Goes Over"—2,000 feet an hour and a quarter showing), $150.

a variety of subjects . . . comedy, drama, cartoons, travel . . . are available at your dealer's. permanent part of your film library.

In addition, feature films with famous stars may be rented from a Kodascope Library.

Today, because of the tremendous production facilities of the Eastman Kodak Company, a complete outfit, Ciné-Kodak, Kodascope Projector and Screen, may be had for as little as $140. Ciné-Kodak weighs only 5 lbs. Loads in daylight with amateur standard (16 m m) Ciné-Kodak safety film, in the familiar yellow box.

See the Ciné-Kodak display at your nearest Kodak dealer's. Also clip coupon below for interesting booklet.

Rochester, N. Y.



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First Authentic Reproduction

BENGAL-ORIENTAL RUGS

WE HAVE been producing Bengal-Oriental rugs for the last fifteen years, but until recently I had been content to use as studies Oriental rugs which could be found in American stocks. The reproductions we made were faithful and worthy examples of Oriental weaving, but I realized in the last three years that we were only skimming the surface — that hidden away in the homes of collectors were Oriental rugs of rare beauty that were practically priceless, and as the reproduction of such a rug presented no more difficulties than a study of less value I began my search for these treasures. London is a rare market for antiques of every description, so this was the logical center for my quest. It was a facinating pilgrimage I had undertaken — many trails led to disappointment — but in the end I was singularly fortunate in finding rugs which in their rare beauty and dramatic interest are not to be found in the open market. The Sixteenth Century Ispahan, which I was permitted to copy, has a value in London to a collector of $75,000 and in America of twice that sum . . . the Persian Garden rug with a London value of $20,000 and double that in America. The Tree of Life and the Mosque Prayer rug are rare in type and possess unusual charm in design and in coloring. I take great pride and satisfaction in being able to offer you these distinctive rugs, and feel that something worthwhile has been accomplished. —*James M. Shoemaker*

Principal Weaving Industry since 1885 in the Province of Bengal, India

Color plates of Bengal-Oriental rugs sent upon request

James M. Shoemaker Co., Inc.
119 West 40th Street, New York

THE VARIED PHASES OF POTTER

(Continued from page 120)

decorative lines in various colors.

Celadon—Chinese stoneware of pale celadon, colored like jade from pale gray to bright green. Romantically named by the French from the gray-green costume of a rustic lover in a [illegible] play. This ware was known in Europe in the Middle Ages.

Martaban ware—the Persian and Arabic name for old celadon, thought to have been made at Martaban, Siam.

Chinese pottery is grouped in the different national art periods of the Imperial Families or Emperors, as Han, T'ang, Sung, Ming, Ch'ien Lung, etc. Pottery and porcelain were made in a variety of forms and decoration. The animals and tomb figures of the Han and T'ang periods are extraordinarily fine, especially the horses. Sinico-Persian pottery was made in China for the Persian trade; Sinico-Siamese for Siam. There are many makes of celadon, plain or ornamented in relief; [illegible] the Sung period are carved with spirited and beautiful designs.

Cream Ware—[illegible] pottery, white or cream colored, like Leeds ware or Wedgwood's Queen's Ware. Astbury [illegible] ware [illegible] Century. This large group of 18th and 19th Century English wares includes: Gaudy Painted Ware, Strawberry Pattern, Cauliflower, Melon, and Pineapple Ware; Old English Rose Ware [illegible] with flowers and [illegible] Moss Ware [illegible] Anglo-American pottery made for the [illegible] with American scenes and patriotic subjects.

Delft Ware—[illegible] 16th Century [illegible] pottery; early pieces of this ware have a greenish color.

Dresden—[illegible] 18th Century with a beautiful milky white [illegible] *pâte tendre* of early European ware. Flower and leaf decoration of imaginative [illegible] colorings with an occasional mauve accent. A bold and brilliant luster. Although it resembles Rhodian ware, it is finer; similar to Syro-Egyptian ware.

Delft—highly decorative stanniferous pottery made since the 17th Century at Delft, Holland, in imitation of Oriental ware. Has a characteristic bluish enamel. It was decorated by noted artists who copied Japanese designs. Later original designs were painted in blue or polychrome. Clouded or mottled grounds known as "sponged" were used on Dutch, German, and English Delft. The Dutch manufacture declined at the end of the 18th Century. This ware was made in England, 17th Century, at Lambeth, and later at Bristol and Liverpool.

Della Robbia Ware—made by the Italian sculptor Luca della Robbia and his nephew Andrea with his sons in the 15th Century. Tin enameled, polychromed, and modeled in relief. Large highly decorative plaques, etc.

Doulton—an artistic brown salt-glazed stoneware, English, made by Doultons since 1815. Also porcelain.

Dwight ware, Fulham stoneware—17th and 18th Centuries; well modeled putty colored, salt-glazed. This first made by Dwight at Fulham, England, about 1671.

Elers Ware—imitating Chi[illegible] Boccaro. Fine hard red stoneware w[illegible] stamped relief decoration, made [illegible] ward the end of 17th Century the Elers Brothers, England.

Faience—from the Italian to Faenza. A name now confined European stanniferous pottery m[illegible] of refined clay.

French Ware—old wares w[illegible] made in the 13th Century at Be[illegible] vais, notably stoneware; 16th C[illegible] tury wares were Henri Deux, Pali[illegible] Rouen, Lyons, Nantes, Avignon; [illegible] 17th Century wares, Nevres, [illegible] About 1675 a new style from [illegible] Italian influence was made at Rou[illegible] called *Rouennaise*, with Norman c[illegible] oration; it spread to Moustiers, Pa[illegible] Marseilles, etc.

German Ware—made by W[illegible] wood and others; mottled bluish-[illegible] gray glaze. This ware also inclu[illegible] Paris Granite, White Granite, Co[illegible] mon Hotel China—Ironstone or St[illegible] China which bears a resemblance [illegible] semi-porcelain.

Grès—gray or brown salt-gla[illegible] stoneware; made in Flanders, Fran[illegible] and Germany from the 16th to 1[illegible] Centuries. *Grès de Beauvais* or *Sa[illegible] nies*, a 16th and 17th Century Fre[illegible] ware resembling stoneware, is or[illegible] mented with opaque blue enan[illegible] *Grès Flamand*, [illegible] ware of Flanders.

Henri Deux, Faience d'Oiron, Poterie Persane—a celebrated ware made near Oiron, France, 15[illegible] 60, mostly during the reign of He[illegible] II, 1549-59; of fine white clay, l[illegible] glazed; designs impressed with diff[illegible] ent colored clays as well as ornamen[illegible] in high relief. About eighty pi[illegible] only of this ware are now known [illegible] be in existence.

Hispano-Moresque, Hispano-Moresque—highly decorative stannifer[illegible] pottery with metallic luster, dec[illegible] tion of blue and golden luster show[illegible] Moorish influence. Designs often g[illegible] tesque. Made in Spain between [illegible] 14th and the 18th Centuries. [illegible] plaques of this pottery were la[illegible] [illegible] Persian.

Historic Ironstone—this g[illegible] includes such [illegible] wares [illegible] Chinese Ming wares; the *Istoriato* the Italian Renaissance; Urbino, Fa[illegible] za, and other Italian wares with l[illegible] [illegible] decoration. French *Fa[illegible] Patriotique*; English wares made [illegible] America with American subjects [illegible] signed in blue from 1800 to 1830; [illegible] brown, black, pink, etc., from 18[illegible] ery, Astbury's Portobello Ware [illegible] memorating Admiral Vernon's victo[illegible]

Jackfield—an 18th Century E[illegible] lish pottery, red, with brilliant bl[illegible] glaze; ornamented in relief, gild[illegible] and colored enamel.

Japanese—Old Kioto, and Seto w[illegible] were made about the 13th Centu[illegible] Raku and Seto were also made in [illegible] 16th Century. Satsuma kilns were [illegible] tablished by Korean potters in Jap[illegible] Bizen, Old Seto, Shigaraki, and Ra[illegible] were common pottery and stonew[illegible] ornamented by scoring and glazi[illegible] Awata, Satsuma, and modern [illegible]

(Continued on page 148)



Perhaps it is that intangible quality [illegible] that gives to this *Early American* [illegible] its unusual appeal. In any event, here is the re[illegible]t and purity of line that one finds in [illegible] Century design. And withal, a grace and delicacy that [illegible] distinction to even the most simply appointed table . . . Obviously «Treasure» is STERLING [illegible] of those standards of gracious living which one takes [illegible]ranted. And only STERLING can become the «family [illegible]» for your children and your children's children . . .

«THE ART OF TABLE SETTING»

[illegible] just published a portfolio [illegible] illustrate model table settings. M[illegible] author of a well known book [illegible] to mail you a copy if you will [illegible] for 30c to cover a portion of its cost.

EARLY AMERICAN STYLE — ENGRAVED

"Treasure" Solid Silver

[illegible]

[illegible] BOWLEN COMPANY · [illegible]

[illegible] · MASSACHUSETTS



"The criterion of true beauty is, that it increases on examination." — GREVILLE

A FEW art objects, discreetly placed, add so much to a home! Not the hit-and-miss massing of Victorian days, but the tasteful arrangement of 1928.

And just here it is that Roseville serves so incomparably! Charming Roseville Pottery, created with that touch of genius by men and women who love their craft.

Beauty that grows as you live with it, such is the essence of Roseville Pottery. For instance, the jar and vases pictured here. Adorable they are, in delicate tints, daintily decorated with arrowheads.

These pieces and a diversity of other designs . . . bowls, jars, vases, candlesticks in a wide selection of sizes, shapes and colors . . . can be seen at good stores. For the home or as gifts they have a distinction of their own.

You will want a copy of the interesting booklet "Pottery." Write for it.

THE ROSEVILLE POTTERY CO., *Zanesville, Ohio*

ROSEVILLE POTTERY

THE VARIED PHASES OF POTTERY

(Continued from page 146)

imitation old Satsuma, a cream colored earthenware, usually made within crackled glaze and painted with delicate colorings. Chinese celadon types were copied for this.

Korean—notably celadon, of a beautiful soft gray-green with bluish tones; especially fine in 12th Century.

Lava Ware—German stoneware with flower and leaf decoration shown in relief.

Maiolica, Majolica—named from island of Maiolica. A soft pottery, buff or gray, covered with tin enamel. More or less elaborately painted in colors with floral, scenic, and figure designs. Made in Italy from the 15th Century, in Spain and Mexico from the 17th. The Italian towns of Gubbio, Pesaro, and Diruta specialized in lustering this ware.

Marks—stamped in the clay or painted to designate date, place, potter, or decorator.

Mesopotamian—pottery developed most beautiful luster on Rakka and other wares.

Palissy—made by Palissy, French mid-16th Century; lead glazed, decorated with molded designs, especially of animals, lizards, serpents, etc.

Persian—most beautiful pottery was made at Rhages, Hamadan, Sultanabad, etc., especially in the 15th and 16th Centuries. The manufacture declined in the 17th Century when Chinese blue and white ware was imitated. Rakka has a magnificent turquoise blue glaze with decoration in black, or in brown with luster, and was made from 9th to 12th Centuries. Rhages or Rhé ware is turquoise or deep blue, or has a white ground, and is decorated with figure designs often gorgeously costumed and painted in a wide range of colors. In Sultanabad the blues are more varied than in Rakka. Koubatcha ware is made with a rich ivory ground and decorated in a wide range of colors, or is a rich turquoise blue like Rakka with black decoration. Persian wares all show that suave mastery of ornament peculiar to the Persian artist.

Pie Crust Ware—a dummy made in the form of a covered dish, by Wedgwood and later by other potters especially during the famine years when there was a shortage of flour for crust.

Rockingham—or Tortoise-Shell ware. A common white earthen-ware with a brown and yellow mottled lead glaze; English, late 18th Century; much copied in America.

Rookwood—art wares made at Cincinnati, Ohio, since 1880.

Salt Glazed Stoneware—partakes of the character of both pottery and porcelain; is opaque, hard, and vitreous; made since the 15th Century in many, Flanders, England; and made in America. A large which has many varieties.

Sawankalok Wares—made in S coarse gray with a thin watery glaze.

Spode—English pottery, stoney or porcelain made by Josiah S who was joined by Copeland in

Staffordshire—ware made by Potteries" so-called, which were ted in a group of English towr Staffordshire, producing this since the 17th Century: wall tiles plain, decorated or maiolica. made china, Parian Ware, eart ware, ornamental maiolica, stoney terra-cotta, etc.

Talavera Ware—made since Century in Pueblo, Mexico; resen maiolica of Talavera, Spain.

Tanagra—ancient ware, exqui modeled small terra-cotta figures; found at Tanagra in Boeotia, Gr

Terra-cotta—unglazed baked tery. Building terra-cotta is red and hard.

Tiles—for wall, floor, or Many kinds were made in many tries at different periods.

Toft Ware—made by Toft others in England, 17th Century; decorated and lead glazed. The is often used for all English slip w

Tulip Ware—made by Germa eastern Pennsylvania about 173 A slip decorated red pottery, with Tulip decoration.

Wedgwood—made by the En potter Josiah Wedgwood, who English household ornaments to status of art objects. He worked in classic mode of the day. His art w included Jasper and Black Bas made 1768-95; Solid Jasper was glazed stoneware with the color in body of the ware, made 1775; Surface or Dipped Jasper made 1785; exquisite ivory white d resembling carved cameos were plied in relief on grounds of al every color: lilac, pink, gray, tones of green—sea, olive, sage or don, many blues—dark to light, black. His famous Portland Vase Jasper. Jasper was much copie others. Wedgwood household w Queen's Ware, Agate Ware, etc., made prior to 1795. Rosso Am was a red ware which was insp by Elers and Böttger.

Whieldon Ware—English, Century, made by Whieldon; w with a brown mottled glaze; F apple, Agate, and green glazed w

Wrotham Slip Ware—distin English, mid-17th Century. This was by Toft about 1660.





SILVER COFFEE-POT

It is the glamour of the past that makes Old English silver a delight to own—quite apart from its own perfect beauty. Our collection contains examples of the work of the most esteemed early silversmiths.

BLACK STARR & FROST

H AVENUE, CORNER 45TH · PALM BEACH · SOUTHAMPTON

SPODE WEDGWOOD MINTON LENOX



As to Olden Oriental Ports, They come to Plummer's



YESTERDAY, an Oriental Mart. They came by caravan and sailing craft with offerings to barter for treasures from another clime. Today, Metropolis! By rail and rolling foam and Lincoln Highway—the air—they come but spurred by many motives. And here they find things and places that are different, and one of them is Plummer's! For Plummer's *is* distinctive. No other shop contains as great a wealth of chinaware and glass, or earthenware and pottery, no other the variety of useful ware and decorative novelties. This news has gone the rounds and folks from far away and near have learned that here they find the objects of discrimination. A needed pattern or a piece is never met with just a "sorry-not-in-stock," but rather "It can be had without delay."

Wm. H. PLUMMER & Co. Ltd.
IMPORTERS OF
Modern and Antique China and Glass
7 & 9 East 35th Street, New York
Near Fifth Avenue

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CAULDON ROYAL WORCESTER ROYAL DOULTON COALPORT



A bath dressing room in the New York home of Mrs. R. F. S. Knight has walls painted in the modernist manner. Pierre Dutel, decorator

PAINTINGS FORM BACKGROUNDS

(Continued from page 90)

piece has been given the room by this design, which affords glimpses of a far horizon seen through a fringe of feathery trees bordering the shore line.

Quite different in treatment, and far more simple of execution, is another ballroom in a country house. This is not a large room but the effect of size has been immeasurably increased by the use of mirrors and by the color and design of the painted walls. These were painted in a light tone of blue and lightly glazed with green, so that they have something of the translucent color of an aquamarine. From the ceiling cove downward, across these blue walls, sweep branches of drooping leaves. The design was painted lightly and fine silver and pale gold and form long, irregular sort of frieze the room. Long mirrors fram silver rubbed with gold are at either end of the room, and of crystal and silver flank them. woodwork is painted in silver over with a pale gold, and the tains, of corn-color taffeta, han lined and full from cornice boa silver. This room was especial signed as a background for the

(Continued on page 154)



On the walls above are pirate scenes in vivid blues, yellows and greens against vermilion. Painted by Louis Bouché. Furniture from Kingore



WALLS in a subdued neutral tone relieved by a touch of mellowed gold and the vibrant sheen of silken hangings ... an alluring contrast, indeed, to the lovely dressing table exuberant with the color of rare ca[illegible] wood.

¶ The original treatment of the windows, with their delicately carved cornices curved outward to free the hangings from the radiator enclosures, completes a silhouette which becomes a charming decorative note and a practical solution of the radiator problem as well.

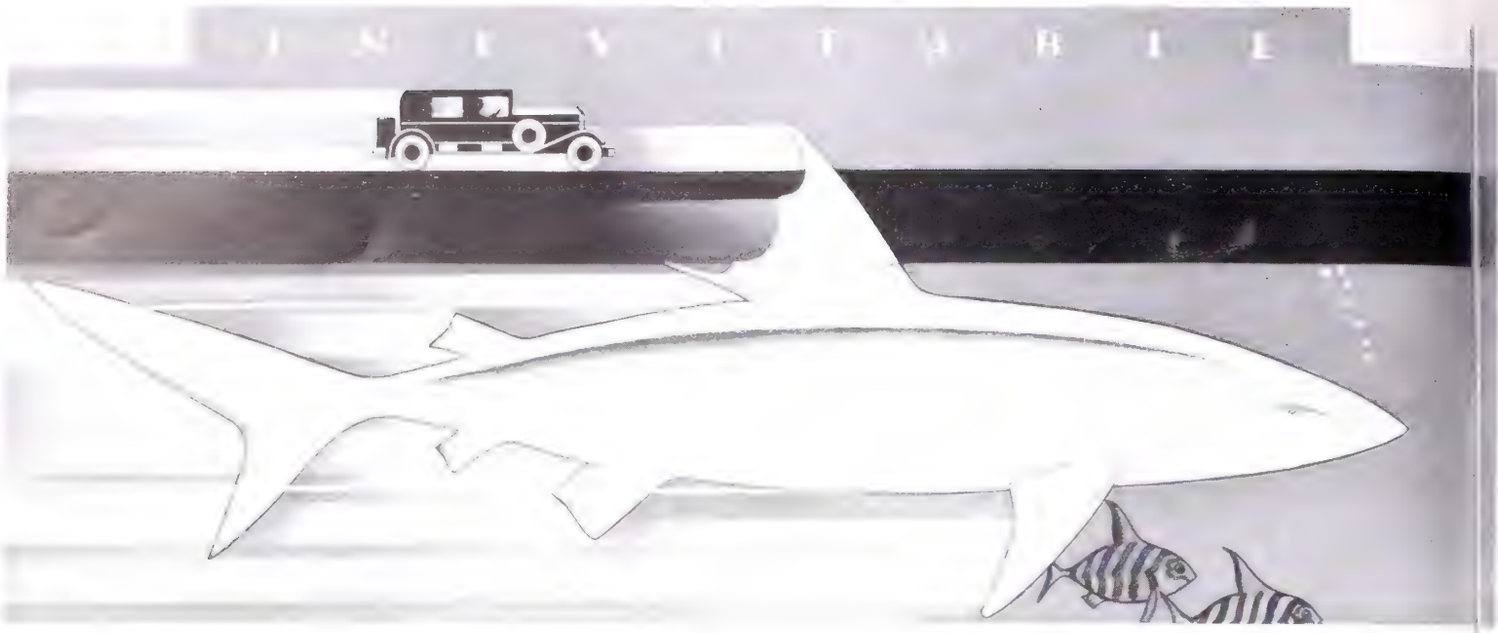
¶ This interior gives an idea of the countless suggestions revealed at these Galleries ... not alone in the antiquities from many lands or the reproductions of historic furniture, but in the manner of their grouping in a series of [illegible] ensembles.



New York Galleries

[illegible] Fifth Avenue

© 1927, N. Y. G.



Smooth as Watson *Stabilated* Motoring

Regardless of the weight or wheelbase of your car, it can now be made to give you undreamed-of comfort, safety and smoothness.

A new method, a method that steps far ahead of the old ways of trying to check or absorb bobbing and tossing after they begin, now attacks these discomforts at their source. They cannot take place, because this new method eliminates the cause of the trouble. Instead of dealing with the throw or the toss or the bounce, this new Watson method gets rid of the force that would cause the throw or the toss or the bounce.

The explanation is simple. The cause of a throw is *force*—recoil force. This force follows each compression of the car springs. Simultaneously with the compression of the car springs, Watson Stabilators flash to "holding" position and are thus waiting, instantly ready, to offset the recoil force. The force then, instead of having nothing to do but throw the car body and passengers, finds itself confronted by a second job—in addition to forcing upward against the car body it must also drag the Stabilators. This dragging of the Stabilators (right from the beginning of the movement) uses up a great portion of this force and thus leaves *in* the springs, not enough force to *throw* the body and passengers, but just the proper amount to gently and smoothly *lift* them back to position.

This Watson Method of removing the *cause* of throws removes the necessity for checking or absorbing throws after they have started—with Watsons, there just simply *are* no throws.

So why tolerate throws!

Your neighborhood dealer is waiting to demonstrate Stabilated Motoring *on your own car.* John Wat[illegible] Watson Company, Philadelphia, Pa.

FOR LARGE CARS

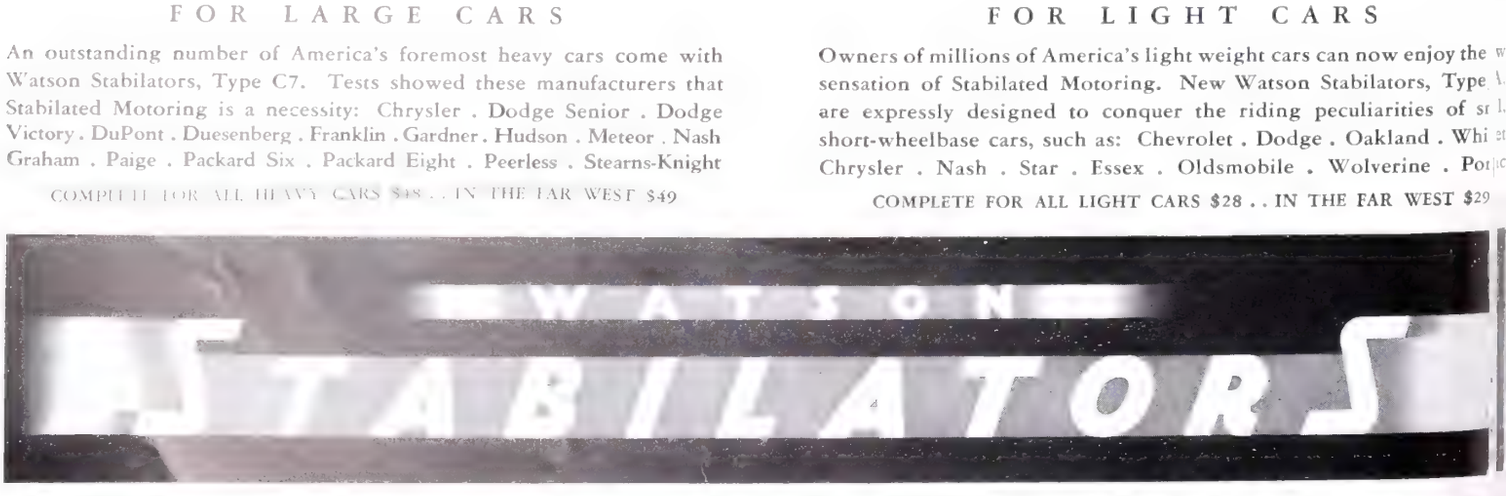
An outstanding number of America's foremost heavy cars come with Watson Stabilators, Type C7. Tests showed these manufacturers that Stabilated Motoring is a necessity: Chrysler . Dodge Senior . Dodge Victory . DuPont . Duesenberg . Franklin . Gardner . Hudson . Meteor . Nash Graham . Paige . Packard Six . Packard Eight . Peerless . Stearns-Knight

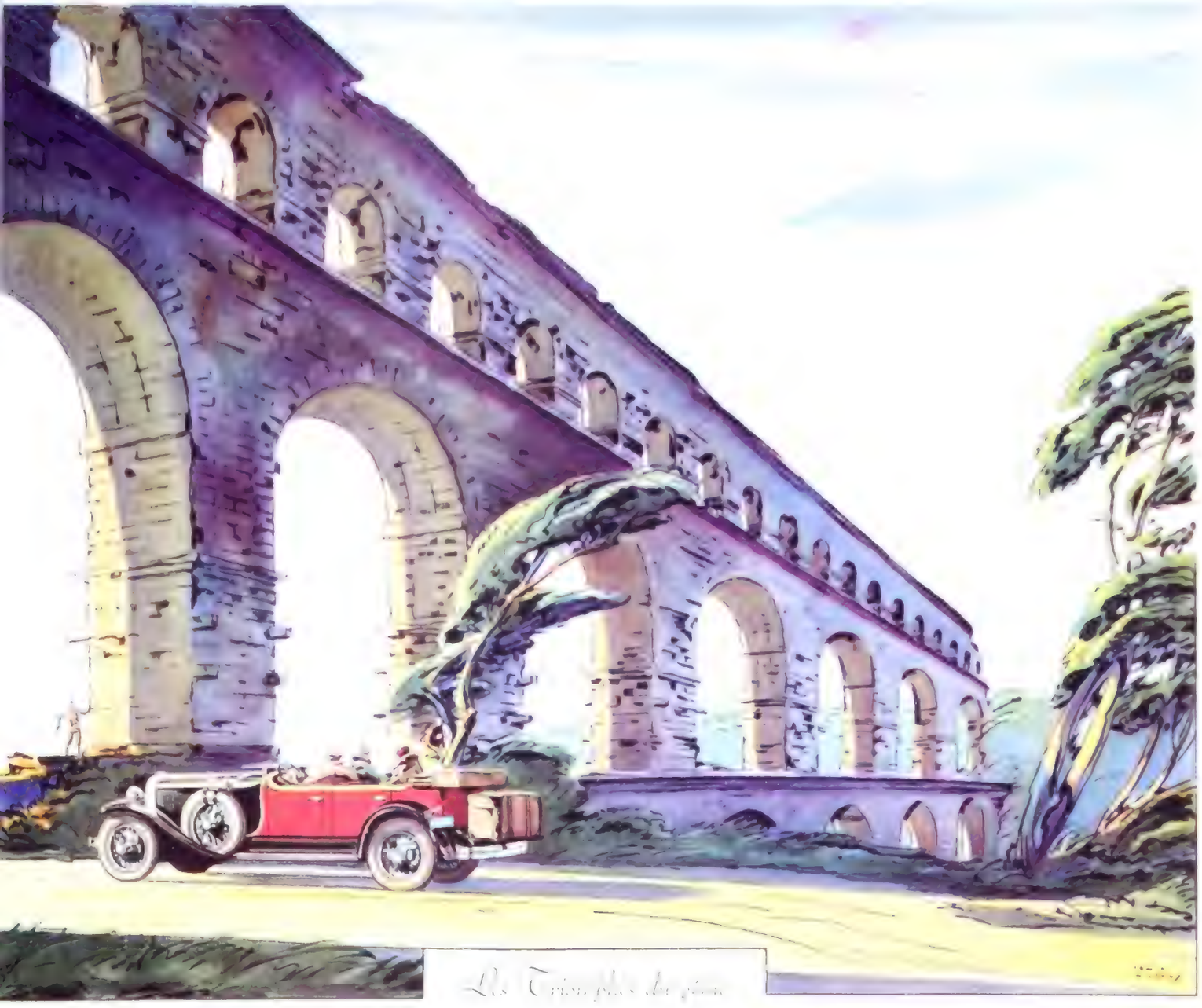
COMPLETE FOR ALL HEAVY CARS $48 . . IN THE FAR WEST $49

FOR LIGHT CARS

Owners of millions of America's light weight cars can now enjoy the w[illegible] sensation of Stabilated Motoring. New Watson Stabilators, Type A, are expressly designed to conquer the riding peculiarities of sh[illegible] short-wheelbase cars, such as: Chevrolet . Dodge . Oakland . Whi[illegible] Chrysler . Nash . Star . Essex . Oldsmobile . Wolverine . Po[illegible]

COMPLETE FOR ALL LIGHT CARS $28 . . IN THE FAR WEST $29





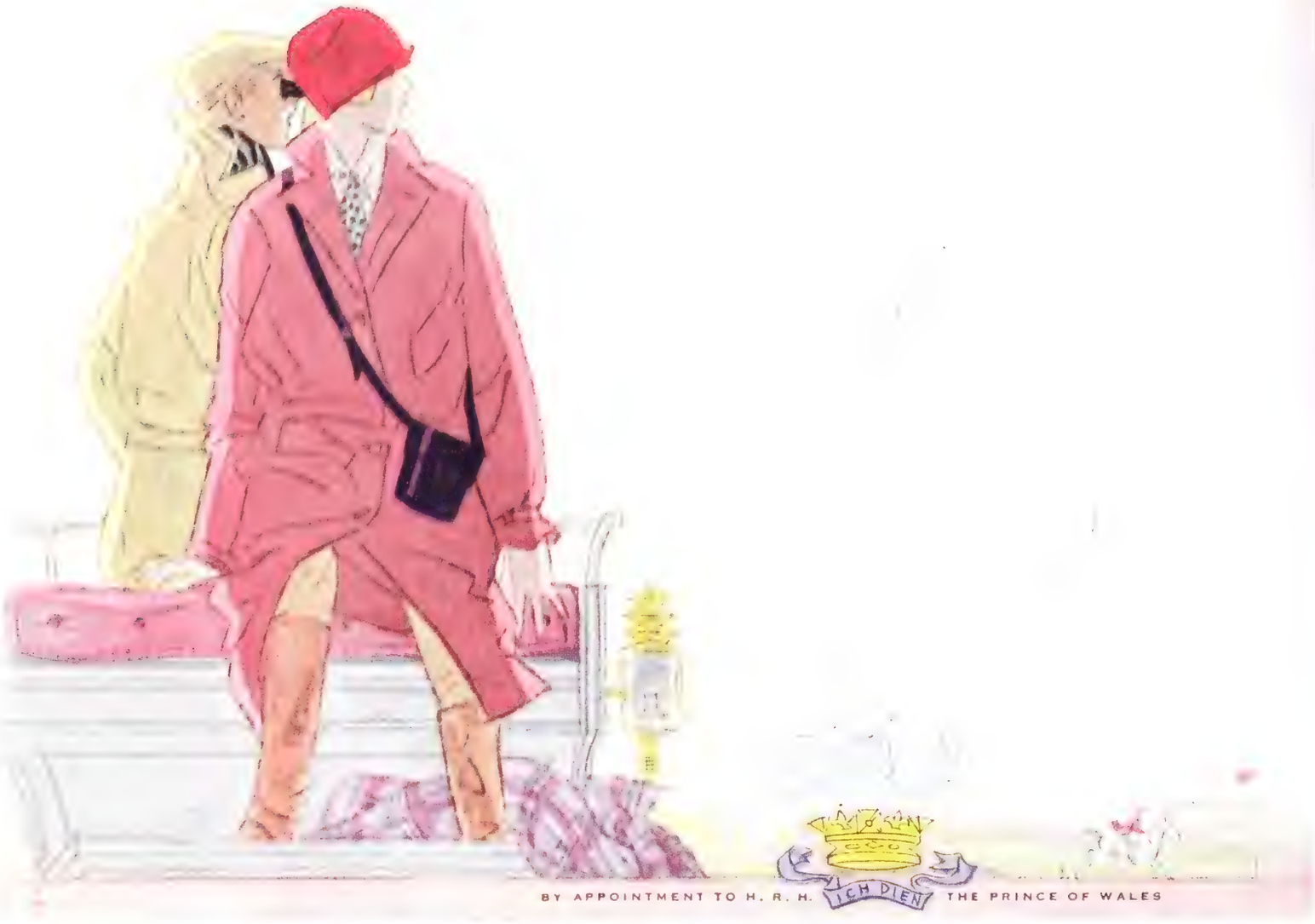
ONLY this supremely mechanical age could produce a mechanism so exquisitely refined, so superbly efficient as La Salle. So signally fine indeed as to draw to La Salle's list of distinguished owners the pre-eminent engineers of Europe and America. The lay public sees the chief beauty of La Salle in its luxurious bodies by Fisher and by Fisher-Fleetwood. But to engineers La Salle reveals a deeper beauty in every finely cut gear; in measurements even finer than a human hair; in the inherent superiority of its 90-degree, V-type, 8-cylinder Cadillac-built engine. Yet their enthusiasm is chiefly inspired by the same delightful ease and smooth power which place La Salle first in the hearts of all who but even once feel the witchery of its performance.

1928 prices substantially lower—from $2350 to $3875, f. o. b. Detroit. Five-year weekly payment plan is easy to buy out of income, as nearly everyone does today, the General Motors plan is serve liberal. The appraised value of your car is, of course, acceptable as cash.

CADILLAC MOTOR CAR COMPANY

DETROIT, MICHIGAN — OSHAWA, CANADA

LA SALLE



CRISP English weather, with copse and field as colorful as some old sporting print, marks this day of steeplechasing at the Melton Mowbray hunt meeting. From a carefully chosen point of vantage, Lady Jane Dorset watches the races. Fair and fresh as the day itself is the wife of Sir Arthur Dorset . . . and possessed of a complexion exquisitely smooth and clear. True to tradition, the women of England are as fair today as they were a century and a half ago . . . true to tradition, yes, but due, too, to a famous British toilet soap. Yardley's Old English Lavender. English women (and this is the fact, we have found, with smart Parisians, too) are sensible of its perfect purity . . . and believe that no other soap will better cleanse, soothe, or stimulate their skin. Lady Jane Dorset seeks the fragrance of this soap in the other Yardley products. England's best, obtainable anywhere in America. "The Luxury Soap of the World," box of three large cakes $1, or 35c the cake; Lavender Perfume, $1; Face Powder, $1; Compact, $1.25; Talc, 50c; Sachet Tablets, 25c; Shampoo, 15c the cartridge; Bath Salts, $1; Bath Dusting Powder, $1.50. Yardley, 8 New Bond Street, London; 15-19 Madison Square North, New York; also Toronto and Paris. *Out of deference to our clientele we have refrained from using actual names.*

Yardley's Old English Lavender Soap



Established in 1770



Dining in the Gay Nineties

A COMPLICATED business at best. To find one's way through the maze of bowls, baskets, cut glass dishes and such was difficult enough. But to be confronted, like the sadly fogged gentleman at the right, by a fat-and-lean gravy boat!

This extinct device was a choice example of the nineties' genius for fussiness. An ample bowl, usually covered, with a spout on either side. Tilted, the upper lip gushed fatty gravy. The other spout, opening further down the inside wall, yielded the heavier, full-bodied consistency. A really accomplished gravy-pourer, forsooth, required a steady hand and a nice judgment.

All of which is a charming something to sentimentalize over, to be sure. Dim visions of hearty blades and modest maids . . . that sort of thing. But *so* completely out of step with our life of to-day.

We have put all this clutter away. In its stead has come the modern vogue for simplicity . . . a trend expressed most smartly in Black Knight china. For its every form, its every design is alive with the beauty of stately simplicity. It is imbued with the spirit of to-day.

And joined to this loveliness is the practical distinction of a lustrous glaze so hard it is proof against scars and mars.

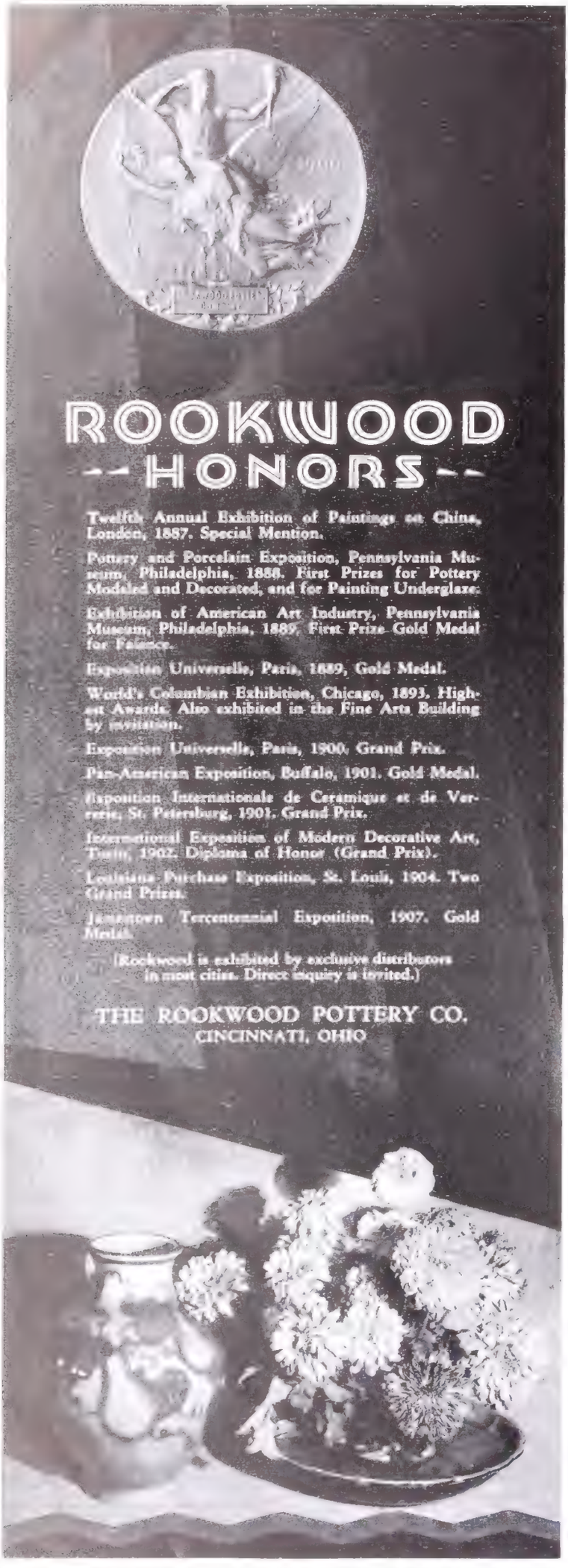
Smart shops in most cities offer Black Knight china, in their Black Knight *Style-shops*. To see this china is to appreciate the progress we all have made since the mauve decade.

dining. Helpful suggestions. Photo- to Black Knight, 104 Fifth Av-



The hallmark of smart distinction

BLACK KNIGHT CHINA



MANNERS AND MODERNISM

(Continued from page 116)

without making the slightest effort towards real self-expression.

You will all remember the furniture monstrosities which were perpetrated during the 1870's and 80's, when someone found that by using a machine, wood turnings of all sorts and descriptions could be made cheaply. We still encounter these cabinets and chests with half turnings glued on their face and turned grilles in the doors of the sideboards.

After this came in the era of compo carving. Someone else found out that you do not have to carve carvings. Make a form, press some composition into it, stain it to appear like wood and paste it on the furniture. It satisfied our craving for richness and it cost nothing. Don't laugh! Such furniture is still being built.

Then along came a movement designed to give recognition to the qualities of real period styles—Old English, Italian Renaissance and Spanish. It had to be Spanish even though the woodworking machine bent and groaned in agony. The poor thing, driven by belt or direct motif, was supposed to imitate the accidental irregularities of a hand tool and the blemishes imposed by age and constant use. I have talked to many a factory foreman who has gone gray trying to produce a table edge look handmade and worn, and do it all by the use of machinery.

With the exception of a comparatively few small shops that busy themselves with the production of imitations or copies, shops where good cabinet-makers are employed to build good pieces of furniture and then antique them by shooting worm holes into the fine clean wood and by taking the edges off with a rasp and sandpaper—with the exception of such shops, where good cabinet-makers weep in despair, the crew of a modern furniture plant consists of machine hands and their helpers.

Now comes the awakening! We are beginning to realize how utterly ridiculous are the methods we employ in clinging to a romance of bygone days. We are beginning to see the beauty of fine and well-proportioned simplicity. Instead of taking childish delight in the rich ornamentation of carvings or the intricacies of great successions of turned moldings and cornices, we begin to appreciate splendid materials, exquisite woods and fine veneers. Modern transportation allows us to import materials from the most obscure corners of the world with less expense than is required for trained mechanics or craftsmen to imitate the workmanship of a period when the time spent was not considered.

Before America attains its own expression of contemporary life in furniture, we will doubtless have to pass through the vagaries and mistakes of an experimental period. Furniture designers, who have been trained for years in copying, will now be turned loose to create. But these mistakes and vain efforts accompany any evolution.

Eventually we will evolve an American modernism through the effort of those who can combine technical knowledge, sympathy and understanding for modern manufacturing possibilities, with the ability to reflect truthfully in line, form and color, the environment and real beauty of our present American age.

PAINTINGS FORM BACKGROUNDS

(Continued from page 150)

and by means of clear tints and the quantities of flowers which have always adorned it.

The illusion of space produced by certain types of design is most interesting to note. Landscapes with perspectives leading off to long vistas add amazingly to the effect of size. Thus the proportions of a small dining room were apparently greatly increased by an 18th Century garden scene, with its fountains, gazebos, plaisances and long alleys of trees, which were painted in rather flat and medium tones upon its walls. This landscape, beginning above a low paneled wainscot and encircling the room, was painted upon a pale amber-colored background in many shades of green, yellow and blue. The woodwork was finished in a deep yellow-ivory, this tone being repeated in the glass curtains which were of old-ivory silk gauze. The overcurtains in this room were of soft satin in ivy green, and a deeper note of color was introduced in the upholstery of the chairs, the seats of which were covered over in a dull greenish-blue leather.

There are many rooms where the use of a few finely painted panels is most effective, and the spaces over mantels and doors and the door panels themselves are especially adapted to this style of decoration. Such panels are sometimes interesting when painted in several shades of one color. The little library and writing room illustrated on page 90, was successfully decorated in this fashion, with designs executed in many tones of green on a background of old ivory. Another library paneled in pine had the overmantel and overdoor spaces painted with a design of maps in rich and glowing colors, with the gleam of gold upon a deep blue background.

Indeed, the opportunities of the mural painter in the modern house are almost unlimited. And what more absorbing problem can an artist have than that of fitting an appropriate design to the architecture and the furnishings of a room as well as to the particular hobbies of its occupants?



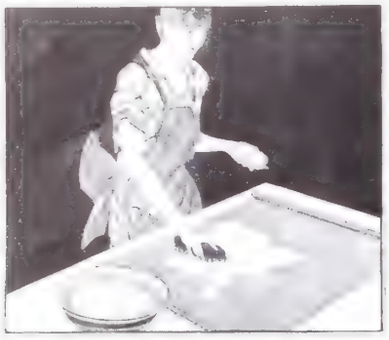
A bronze, "Playdays", by Harriet Frishmuth

A beautiful ensemble, of carved emeralds with navette and baguette diamonds, in modernistic trend. The quality of the gems and the color of the emeralds are most exceptional.

J. E. CALDWELL & CO.

Philadelphia

Special ... a test shade for $1.00



Prove To Yourself
That This Window Shade Can Actually Be Washed

Special Note: *How shades are sometimes purposely soiled to make a test convincing. Du Pont Tontine Shades will not be soiled in this manner. Only ordinary soiling will be found in actual use.*

YOU have often heard of a window shade that can actually be washed—but have you ever seen its rich beauty in the home of some friend? It is the washable du Pont Tontine Shade. Tontine remains fresh and trim season after season. It comes in lovely tones of [illegible]

In order that you may test this shade in your own home and see for yourself how it will stand up under continual scrubbing, how resistant it is to twisting [illegible] for a limited time, to supply a test shade, [illegible] home, at an extraordinary saving in price. Pin a dollar to the coupon below, indicate the size and color, and send for your test shade today.

Make This Test Yourself

Deliberately soil your test shade in any way you like. Then take plenty of water, some good soapsuds, and a brush, and scrub it vigorously. Hang it up flat to dry. See how quickly the dirt disappears! How the brightness and charm are brought

Then you will understand why thousands of women who take pride in the beauty and cleanliness of their homes are replacing their shades with washable du Pont Tontine. They can keep their shades as clean as their windows.

Made to Endure

Tontine is impregnated with imperishable pyroxylin, the same substance which makes Du Pont Duco, the permanent finish for motor cars and furniture, so enduringly beautiful. Like Duco, Tontine will last for years. Free from cracks, pinholes and other imperfections, its surface remains lovely, season after season.

A Suggestion

There are not many shades in your home that receive harder daily wear than your kitchen shade. Yet how essential is cleanliness in the kitchen! What a test for Tontine! Send for your test shade today, hang it at the kitchen window. Then after a few weeks, take it down and make again the tests suggested here. You'll be convinced that Tontine will [illegible] beauty for many years [illegible]

Follow These Details:

[illegible] Pin $1.00 to coupon

DU PONT

TONTINE

THE *WASHABLE* WINDOW SHADE

Measure from top to tip, including metal pins. Use yard stick

[illegible]



Simplicity and skilled design are of the utmost importance in a small house to be built on a limited budget. This living room is in the Katonah, N. Y. house, the exterior of which is shown on page [illegible]

HOW MUCH HOUSE

(Continued from page 126)

There is a relative ratio or [illegible] of rates governing the relationship of the cost of land, landscaping, etc., to that of the actual structure. In general, the land for homebuilding should never exceed in cost 20 per cent of the value of the building which is to be placed on it. One architect whose work in the Eastern states has won him a well reputed on for planning adequate and attractive moderate cost houses has given the matter of budgeting a great deal of attention, and finds that at the cost of the completed residential property (except for furnishings), the amount expended for the house itself represents only about 65 per cent of the total. Other estimates have been made which place the house cost as high as 80 per cent of the total, but this is exclusive of the land. In any event, the homebuilder must realize that whatever the house costs, the finished property will very likely run 30 per cent higher in the total investment required.

Realizing these facts and budgeting accordingly, it will be interesting to examine the houses which are illustrated herewith to see how much house can be had for a given amount of money. The direct testimony of the architects as to the completed costs of these houses brings them within the [illegible] discussion.

On page 173 is a stone house designed by James C. Mackenzie, Jr., containing living room, dining room, kitchen, and three bedrooms. It is of ample size for a small family and its picturesque lines are extremely attractive from an architectural point of view. Here the use of good materials is obvious; good masonry, good permanent roofing, and attractive metal casement windows. The interior of the house is finished in rough textured plaster with a simple, carefully designed, brick fireplace carrying a lintel and mantel of hewn oak. Many economies of construction and design have been practiced in this house, but there is obviously no sacrifice of quality in its construction.

Other illustrations include the very interesting feature of two houses actually built from the same plan as designed by R. C. Hunter & Brother. The plan as shown on page 126 includes garage, kitchen and maid's room, living room and dining room on the first floor, and three bedrooms with bath on the second floor. The versatility of the designer is shown by the two interesting exteriors which have been developed from this same plan. One exterior is an example of excellent stucco work using brick for incidental exterior trim and some exposed timber pattern-work for the gable end of the porch. The other exterior is developed in wood with wide siding and Colonial details.

It has, of course, been impossible to illustrate every type of exterior material. Within our price range it is feasible to use brick, stone, stucco or wood for exteriors. It is probably true that the brick selected will be common brick, which while economical, has wonderful possibilities in color and texture and is more and more being favored by architects. The stone work may be a veneer only, which, after all, is perfectly satisfactory if proper weatherproofing precautions are taken. Roofing may be of the less expensive types but good in quality. Metal work can better be of non-corrosive character and may be of copper or zinc at relatively little extra cost. Interior plumbing lines and equipment may be kept simple, but the few fixtures should be of good quality. It is better to install that extra bathroom at some later date than to put in two cheaply equipped bathrooms in the beginning. Electric wiring can just as well be adequate with ample outlets, if properly planned for at first. Interior finishes that deteriorate rapidly and require early renewal do not represent economy in any sense of the word. In fact, there is no place today for inferior materials or workmanship in homebuilding, and moreover, there is no necessity for it.

(Continued on page 158)



Treasures of tomorrow

It has been left to Danersk to preserve and carry forward the fine old traditions of the great periods of furniture design. Every piece that bears our mark has the subtlety and charm that are so eloquent in the handiwork of the great cabinet makers of long ago.

Just as Sheraton and Hepplewhite and Duncan Phyfe borrowed from the masters who had gone before, so does Danersk strive for this generation to preserve and add to the richest heritage of the past.

The Danersk furniture that you place in your home today will take on added beauty with the years. With your family silver and most-prized heirlooms it will adorn the homes of your children and your children's children.

Start now to collect Danersk furniture. Like old friends, Danersk chairs and desks and tables endear themselves more to you with each passing year. And as your collection grows, it will become a peaceful and friendly environment that will make home a richer word.

We invite you to visit the Danersk rooms and to inspect our work at your leisure. We are glad to show you what we have done whether you wish to purchase or not.

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"Those who have found the gardens of Italy so alluring will be pleased to know that Italian cotta accents, contributing so much to the success of effective planting, are to be had from a well-known importer of Mediterranean products."

A few examples of "Italian rosso" are shown here from our complete line of garden accessories. Bird baths of the flat modeled type range from five to ten dollars. Pedestal baths and fountains run to thirty dollars. The larger pots suitable for small trees and foliage plants are priced from ten to twenty-five dollars. Fern dishes similar to the one shown are nine dollars each, while oblong fern boxes are fifteen dollars and under. There are ornamental amphorae and oil jars up to fifty dollars each that may be had in any quantities.



You are invited to visit our display at 120 Fifth Avenue, New York City, with your decorator or landscape architect, or we will send you our booklet "From the Land of Gardens" on request

IMPORTED BY
Carbone INC
BOSTON — NEW YORK

HOW MUCH HOUSE

(Continued from page 156)

The temptation to wander away from the subject of how much house can be had from the money does not after all represent a deviation because in the very question, the factor of quality is included. It might be much better to say, "How much *good* house can be had for a given amount of money?" So, in the following discussion, we will assume average good quality of construction, not attempting to show the maximum sizes possible with the cheapest kind of construction, but the maximum size possible with a consistent and commonsense homebuilding investment.

In the average suburban neighborhood near such cities as New York and Chicago, well constructed residences are costing from forty to sixty cents per cubic foot. The quick way to translate space requirements into terms of cost is to figure on a cubic foot cost basis in the following manner:

CUBIC FOOTAGE

The homebuilder should roughly map out his space requirements in terms of room sizes, multiplying the areas of each room by heights from floor to floor and adding approximately one-half to the total to allow for basement, attic, closets and stairways. The total cubic contents thus roughly gauged can be multiplied by 60 cents to arrive at a rough estimate of the cost using high quality materials throughout, or by other figures to [illegible] cost for quality.

This same procedure can be more reliably followed if preliminary plans have been drawn to show the actual areas of the rooms and the major dimensions of the building. If the cubic contents of the house as thus planned indicates a cost beyond the anticipated expenditure, the owner must reconcile himself to one of two things; either he must decrease the size of the rooms and thus diminish the size and volume of his house, or by especially ingenious planning eliminate waste space, or else he must increase his budget. There is no alternative, for to attempt the construction of a house of a given size by sacrificing essential qualities, is the worst possible way of throwing away money, as the resulting house lacks sales value; it involves a heavy annual drain for maintenance and repairs and heating; and banks will not lend a satisfactory mortgage on the property as soon as it becomes apparent that the structure is unsoundly built.

Turning again to the problem of what can be obtained for the expenditure of from $10,000 to $15,000, it is at once apparent that the cubic contents should be limited from 16,000 cubic feet to approximately 37,000 cubic feet, as shown in the accompanying table.

It is a well known fact that the lowest construction cost comes when the construction itself is of the simplest type. Irregularly shaped buildings with broken roof lines, difficult framing and many breaks in the wall surfaces for bays, ells, and other external features, necessarily cost more per cubic foot than a simple rectangular building with a plain roof. This is the reason why most low cost houses are of exceedingly simple plan—they must be if the maximum of useful space is to be obtained within the building at the lowest possible cost. Architects display their greatest ingenuity in so proportioning and arranging the decorative features of these small houses as to conceal their box-like character. The illustrations accompanying this article, all of which are of houses costing from $10,000 to $15,000 for the building itself, show with what success a simple plan may be given individuality and charming character in its exterior appearance.

It is not difficult to find out from a local builder an approximate cubic foot cost. These costs vary not only within neighborhoods but extensively in various parts of the country as indicated in the reference page accompanying this article.

Part of the problem of designing a successful small house of moderate cost is to make every inch of space count for a useful purpose. It is indeed harder to design a successful small house than it is to plan for a large structure where a few inches here and there will not destroy the proportions of the room or limit the furniture arrangement, or cause the entire elimination of some feature.

When funds are limited, economies must be larger in those elements which have to do with special interior features, particularly specially designed trim, doors and windows, expensive mantels and fireplaces, built-in cupboards and other features dear to the heart of the average housewife, which, nevertheless, require special handling and a great deal of expensive handwork. There are many standard types of doors, windows, trim, mantels and all of those other appurtenances available in the building market which can be incorporated in a house in an eminently satisfactory manner, performing the same functions and having the same fine appearance of specially designed units at a substantial saving in cost.

NUMBER OF ROOMS

To answer the question propounded at the beginning of this article, "How much house can be had for a cost ranging from $10,000 to $15,000?", it is quite apparent that a well built and well equipped house of five, six or even seven rooms may be constructed within this limit. The house cannot be luxurious in its appointments, but it can be extremely attractive. It can range in size as high as 38,000 cubic feet and perhaps even to 42,000 cubic feet if constructed in a very simple fashion in the lower cost sections of the country.

NOTE. *This is the first of a series of articles developed to answer the house-builder's questions as to the size and character of house which may be built for a certain amount. The next article in this series, appearing in an early issue, will discuss houses which may be built to cost between fifteen and twenty thousand dollars.*

PRINCESS PATRICIA



DESIGNED FOR THE MODERN AMERICAN HOME

Though reflecting traditional detail in its exquisite design, Princess Patricia is essentially a pattern of today. Designed for the modern bride—and for her modern environment.

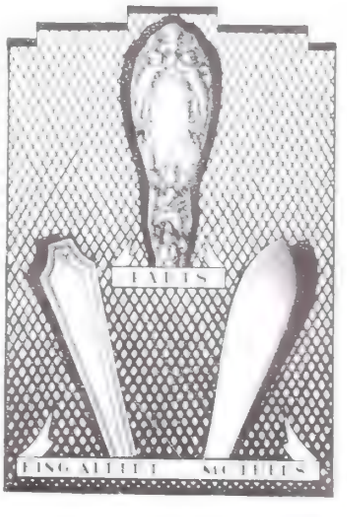
In it she sees the finer aspects of present-day design.

The newest Gorham pattern, Princess Patricia, has already found immediate acceptance; particularly for the modern American home, and for the various interesting versions of Spanish styles now in vogue, for which so few tableware patterns are suitable.

Princess Patricia, wrought in sterling silver by the Gorham Master Craftsmen, serves both formal and informal occasions. In complete dinner and tea services. (*Teaspoons, small*, $10.00 for six. *Dessert Knives*, $20.00 for six. *Dessert Forks*, $20.00 for six.)

Stop at your jeweler's to see this and other fine Gorham creations





GORHAM

PROVIDENCE, R. I. NEW YORK, N. Y.

Makers of Sterling Silverware for Over Seventy Years

AMERICA'S LEADING SILVERSMITHS FOR OVER 90 YEARS

Her last party!

... her. "It's only a ... a dance to the party. ... coat ... a taxi when the party was over. The night was chill. The next day she felt wretched. Still she did ... "She caught cold," she repeated ... "and ..."

... people seem to realize the ... "cold in the throat" ... apparently trivial ailments may lead shortly to serious illness or even death.

At the first suspicion of trouble, go to bed, eat wisely, and gargle systematically with Listerine, the safe antiseptic, used full strength. If immediate improvement is not shown, consult your physician.

In the past fifty years, however, Listerine has checked thousands and thousands of cold weather complaints before they had a chance to become serious. This is due to its antiseptic action. The instant it enters the mouth it attacks the disease-producing bacteria that develop there.

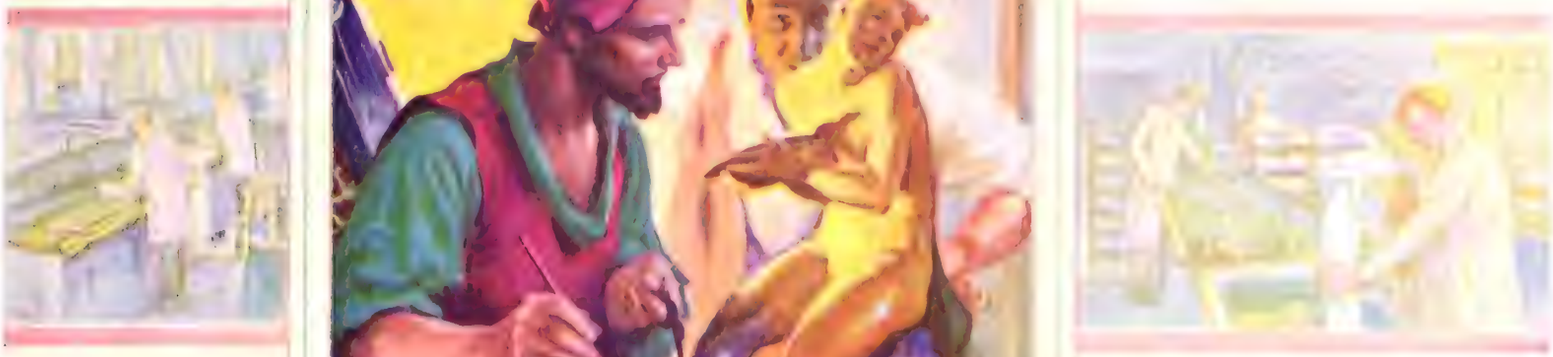
Your chance of escaping colds or dangerous "flu" and pneumonia will be considerably bettered by the systematic everyday use of this pleasant antiseptic. Lambert Pharmacal Company, St. Louis, Mo., U. S. A.

NEVER NEGLECT SORE THROAT

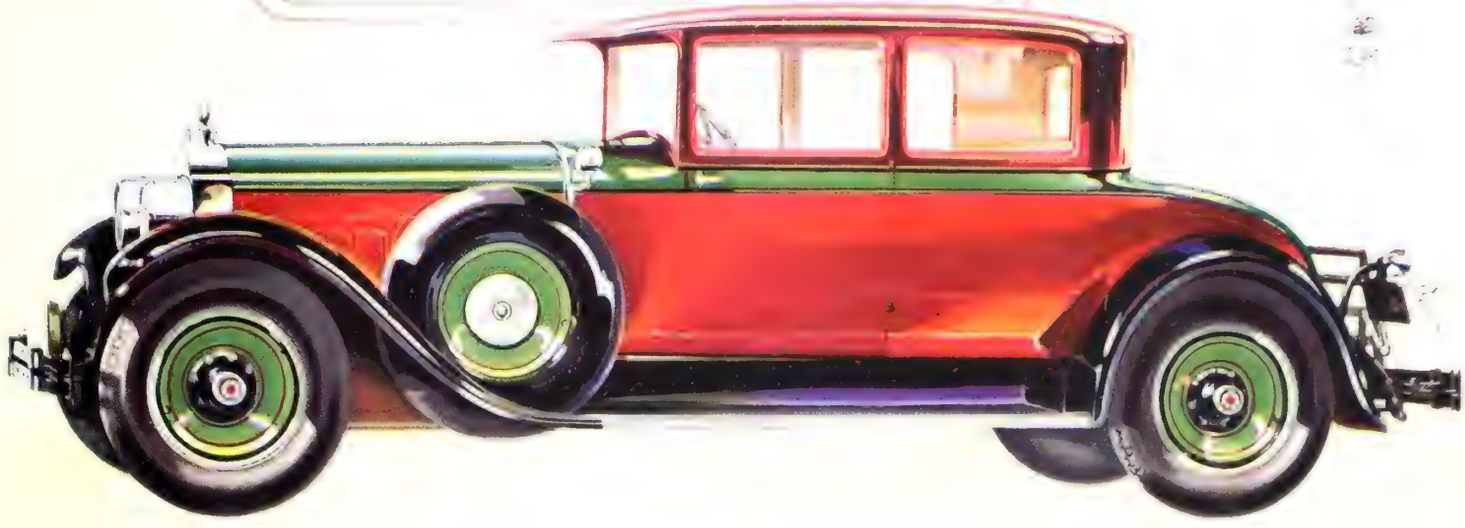


LISTERINE

-the safe antiseptic







THE life of many Packard parts today is enormously increased by the heavy plating of special alloys which protects them from wear and weather while adding to the gleaming beauty of the car.

Plating was for ages a purely ornamental art. First thin plates of gold or silver were soldered or riveted to the baser metal. Hence the name.

But through the centuries men learned better ways of coating one metal with another—and other reasons than mere appearance for doing so. The process became an industrial art involving many sciences.

In this process as in scores of other details of design and manufacture Packard spares neither pains nor expense in its effort to surpass current standards.

Packard's most valuable asset is its reputation for creating the best built as well as the most beautiful of cars. And in its effort to deserve and perpetuate this reputation, Packard never forgets that long life is an important attribute of true quality.

PACKARD

ASK THE MAN WHO OWNS ONE

Packard cars are priced from $2275 to $4550. Individual custom models from $5200 to $8970, at Detroit

H A V E A



C A M E L

The cigarette that's liked for itself

It is sheer enjoyment of smoking that has made Camel the most popular cigarette of all time. Nothing takes the place of fragrant, mellow tobaccos.

© 1928, R. J. Reynolds Tobacco Company, Winston-Salem, N. C.

"Made of FLEISHER XXX YARN"

Foremost manufacturers now use this yarn for smart, up-to-date knitted garments. Look for the Fleisher Guarantee Tag



For more than fifty years "made of Fleisher yarn" has meant the best yarn money can buy. It still does. And today, because of a startling new guarantee plan, inaugurated by S. B. & B. W. Fleisher, Inc., it is possible for you to be as certain of Fleisher yarn quality in ready-to-wear garments, purchased in stores, as if you had hand-knit the garment yourself.

Fleisher XXX Yarn used in high-class knitted outerwear is guaranteed direct by Fleisher. The manufacturers who are licensed to use the XXX Yarn have the same high standing in the garment trade that Fleisher has in the yarn business. They include makers of men's and women's sweaters, sports frocks, children's suits, caps, gloves and other garments.

Never before in the history of the knit goods industry has there been a guarantee like this. Fleisher who makes the yarn is directly responsible to the customer who buys the garment at retail, regardless of where it is purchased. If a garment carrying the Guarantee Tag fails to give satisfaction in the quality of the yarn, we replace it absolutely without cost to you.

Naturally, since a knitted garment can be no better than the yarn from which it is made, it is wise and prudent to buy yarn you are sure is good. There is no question about the quality of Fleisher XXX Yarn, no doubt of its merit. There is no longer any difficulty in telling what garments are made of Fleisher's XXX Yarn. The Guarantee Tag indicates them. Look for it when you buy knitted wear.

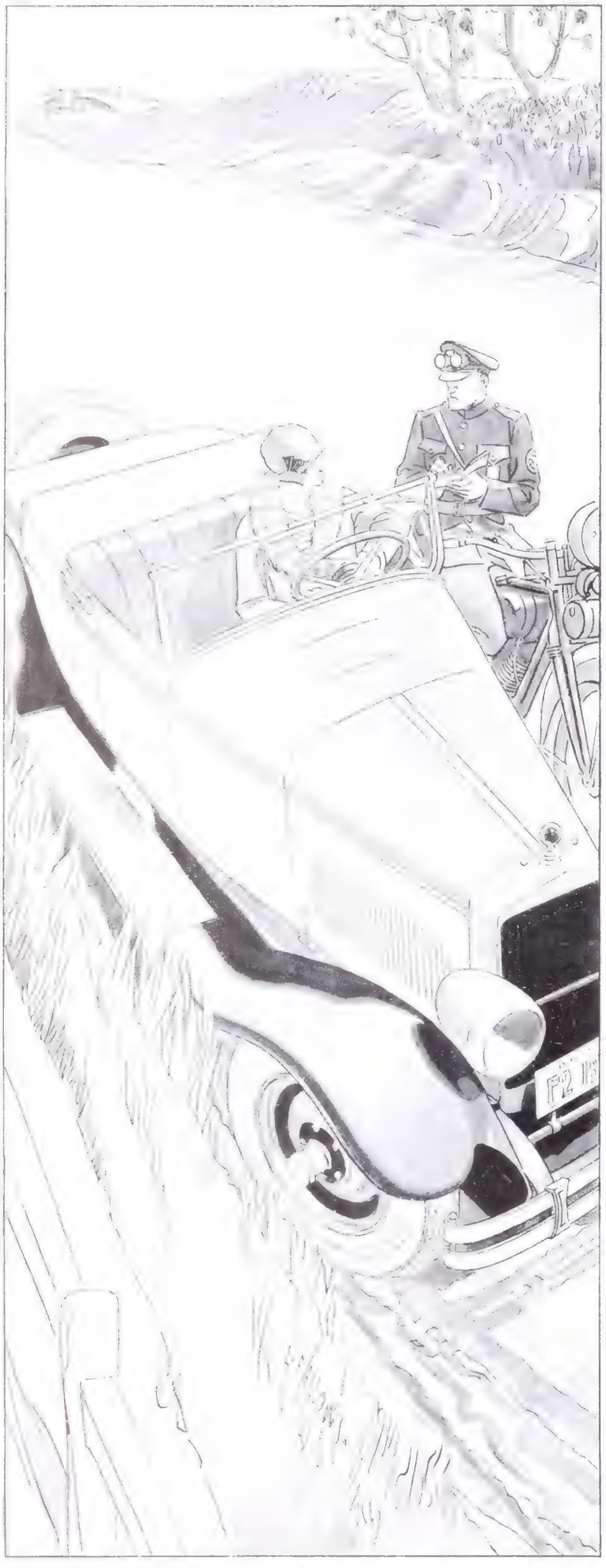
THIS TAG PROTECTS YOU [illegible]

[illegible] GUARANTEED.

If the yarn in this garment should fail to give you satisfactory wear, send it direct to us with this tag and the store sales slip, and we will replace the garment or at our option [illegible] S. B. & B. W. Fleisher, Inc., 25th and Reed Streets, Philadelphia, Penna.

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Makers of "the finest Yarns" for more than half a century



"Oh, but you can't be serious! I could never dare to drive that . . . car . . . over . . . rocks."

"Why, sir, I've driven a car for Sir Kenneth Scott-Gold . . . but you



Driveways of large estates which extend through rural gardens or wooded tracts are usually bordered by rough rocks irregularly placed. Here and there a large rock hides part of a curve

THE GARAGE APPROACH

HOW to treat the garage approach is one of the first problems that present themselves in the landscaping of a home, and in its planning provision should be made for it as well as for the main entry.

Too often, convenience of garage location concentrated upon at the sorry sacrifice of attractive garden landscape. By all means make the garage readily accessible but don't make the mistake of placing it where it is the first object to loom into view. An early conference with a good landscape architect will ensure both practical and attractive location of the garage, which by correct planting may be rendered quite inconspicuous.

Whether the line of the approach will be straight or curved is entirely a matter of individual preference, if the drive is circular it is vitally essential that the circle be wide enough to permit an easy roundabout turn. There is one underlying principle governing the construction of the circular drive: the smaller the circle, the wider the driveway, a circle with a diameter of 75 feet, for instance, requires a drive between 8 and 10 feet wide, while a width of from 15 to 20 feet must be allowed for the drive around a 30 foot circle.

Exceptional skill and extreme precaution are required where the land has unusual contours. A striking example was noted in a steep hillside

(Continued on page 166)



The destructive action of fine screened gravel upon tires may be obviated if at the termination of the drive, rough concrete is substituted for gravel as shown above

This Printed Linen takes its design from an old Korean Painting



This printed linen comes on green, brown, salmon, blue and rose-taupe ground. The panel design is only one half the width of the material

AN exquisite painted panel done in Korea in the XVIth Century has recently been brought to this country and is now in the Metropolitan Museum. This painting was Schumacher's inspiration for the printed linen shown here.

. . .

Korea was a land of a high and ancient culture! The seeds of its fine civilization came out of China. And from its plundered art treasures sprang the great art of Japan!

While most of Europe was still uncivilized, Korea—under the inspiring influence of Buddhism—produced the finest works of old Buddhistic art.

Then Confucianism became the state religion and Korean culture became closely identified with the Chinese Ming Dynasty. At the end of the XVIth Century Japan, the envious, invaded Korea. The country was desolated, its vitality crushed.

Great works and artists were carried off to enrich the culture of Japan. The treasures that were Korea's were scattered over the world.

. . .

Taken from a painting done in the last days of Korea's glory, the design of the printed linen illustrated is closely allied to both Chinese and Japanese art.

It has a fine simplicity of composition and theme—a cock and a hen in a tree, distant mountain peaks, and the full moon rising from heavily banked clouds.

The beauty of this fabric, its rich colors and charming pattern make it a delightful material for a screen—or for draperies where the entire design may be seen at a glance.

Schumacher fabrics of interesting and authentic designs—brocades, damasks, tapestries, chintzes—may be had for every decorative use and purpose.

Fabrics may be seen by arrangement with your decorator, upholsterer, or the decorating service of your department store. Samples selected to fit your particular requirements will be promptly obtained by them.

A New Booklet—"Fabrics, the Key to Successful Decoration"—This interesting booklet has just been completed. Beautifully illustrated, it gives briefly the history of fabrics and discusses their utmost importance in successful interior decoration.

This will be sent to you upon request without charge. Write F. Schumacher & Co., Dept. E-4, 60 West 40th Street, New York. Importers, Manufacturers and Distributors to the trade only of Decorative Drapery and Upholstery Fabrics. Offices also in Boston, Chicago, Philadelphia, Grand Rapids, Los Angeles, San Francisco and Detroit.



The beauty and richness of its design make this a delightful covering for a screen



Interesting and unusual, this printed linen shows to advantage as window hangings

F. SCHUMACHER & COMPANY



Use this safeguard!

W

Early American

STICKLEY





you find your look — and

his VIRGINIA CARVEL *Sterling*

JOWLE



Perhaps the cigarette *you* smoke is *too strong!*

Cigarette taste gone stale.

Not feeling yourself.

Out of sorts with the world.

You need a mild cigarette.

And the mildest—Johnnie Walker.

A cigarette of full flavor that never irritates.

Johnnie Walkers cost a bit more.

And with good reason.

Only the tenderest portions of fine tobacco in Johnnie Walkers.

No stems—no bitter ends to cause harshness.

Vacuum-cleaned. No grit.

Wake up a sleeping cigarette taste with Johnnie Walkers.

Try them—They are mild.



20 for 20c

Johnnie Walker cigarettes

EXTREMELY MILD · · · YET FULL FLAVORED



How to make a good method of approach adds the needed touch to [illegible] a fine entrance, such as that shown at the head of this page

THE GARAGE APPROACH

[illegible] but have a 10-foot frontage and a 25-foot depth where the garage was built and the same sort of a house, [illegible] drive in the left and have with the garage, to accommodate the [illegible] extending down the hill. In [illegible] for landscaping, the garage approach maintained a width of eight feet so long as its course was straight, but as soon as a sharp curve was reached it was gradually widened to seventeen [illegible] not only was a maximum amount of precious frontage saved for the garden, but sufficient space allowed the largest cars to go down into the garage and out again without the least bit of difficulty.

When the location, contour and dimensions of the garage approach have been determined there next arises [illegible] drive-way be of concrete, brick, gravel, or asphalt. Which will be most economical in the long run. Which material will be the best?

[illegible] the motor-loving lover—who is always correct—will give us the [illegible] and take every precaution that there will be no danger of slipping in severe weather.

If the matter of caretaking and its entailing expense is not of grave moment, the gravel drive is outstanding. But this type of drive—beautiful as it is—must only be used on level or very slightly graded grounds, if safety is to be assured.

While the fine screen finish is economical, safe, and good looking, it has one seriously objectionable feature, in that the fine crushed stones cling to tires ensuring slow, but certain des-

(Continued on page 196)



Of hard surface materials, macadam or asphalt are the least expensive, but these are only practical for level grades which are similar to the drive illustrated above

WAX YOUR FLOORS THIS EASY WAY

(W)HAT charm and polished beauty it adds to your home! What a compact of convenience and economy these are! Floor care is reduced to a minimum—all your delight in the enhanced floor beauty—the lustre and shadows mirrored in the [illegible] Johnson's Polishing Wax.

And it's a comfortable feeling to know that costly refinishing and the upset household that goes with it are things of the past—constantly waxing does wax protect your floors.

Perhaps you have never realized how simple and easy it is to wax your floors, even for the first time, with the Johnson Electric Polisher. Use it on wood, linoleum, tile or composition—over varnish, shellac, wax or paint. In just a few hours it can be put to work in every room in your home.

Don't think you must wash the floors first—that is unnecessary because the wax cleans as it polishes. There is no stooping or kneeling—no scrubbing or pails. Simply apply a thin coat of Johnson's Polishing Wax as directed. All dirt and [illegible] leaving the surface spotless.

Now guide the Johnson Electric Polisher over the floors. It takes much less effort than running your vacuum cleaner. Almost instantly a gleaming trail of beauty appears on the dull floor. Soon the whole surface is burnished to a bright luster that defies wear and makes cleaning much easier.

Johnson's Wax, like a thin, flexible covering of glass, stands between the delicate finish of your floors and the constant pounding of feet. Footprints don't show—unsightly "traffic spots" are banished.

You can rent a Johnson Electric Floor Polisher by the day or half-day from your grocery, hardware, drug, furniture, paint or dept. store at a very low rate. Or add one to your own home equipment. At the new price of only $20.50 (formerly $42.50) it soon pays for itself in time and labor saved.

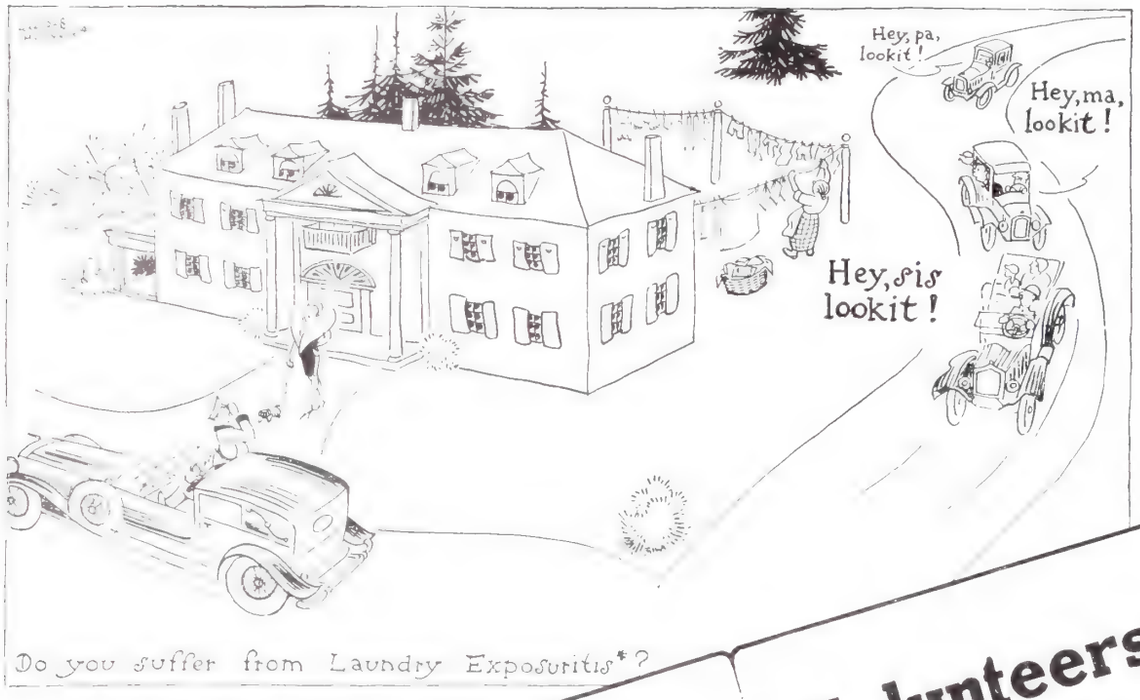
S. C. JOHNSON & SON · RACINE, WISCONSIN
"The Home Finishing Authority"
(Canadian Factory: Brantford, Ont.)



Johnson's Polishing Wax comes in two convenient forms—Paste and Liquid. It is sold by grocers and dealers everywhere.

JOHNSON'S POLISHING WAX

PASTE OR LIQUID · · · · CLEANS · POLISHES · PRESERVES · PROTECTS



Do you suffer from Laundry Exposuritis*?

*LAUNDRY EXPOSURITIS
(with apologies)

The insidious thing about Laundry Exposuritis is that one is so apt to take his *own* home for granted; to pay much attention to the *front* and forget the impression made on others from the *side* and *rear*.

No matter how it jars them, even your best friends may not tell you!

The one certain cure for Laundry Exposuritis upon first application is Dubois Woven Wood Fence.

WANTED!... Volunteers, in this new campaign for BEAUTY.

Here's a new **Cause** in which your committee asks all owners of **COUNTRY PLACES** to enlist.

It is to banish from the roadsides of America the incongruous and distasteful sight of a stately and otherwise beautiful home marred by the blight of

LAUNDRY EXPOSURITIS

We plead in the name of your **SENSE of BEAUTY** and your **Innate Modesty** to put an end to the ugly displays of personal apparel, oft seen unfurled in the breeze and boldly flaunted for public inspection.

And you can do this so easily; membership costs very little, and is sure to bring many admiring comments from your friends!

All you need do to join our cause is to erect some

Dubois Woven Wood Fence

to screen your laundry and service yards. Or, if you prefer, erect it to keep out trespassers, to form a tidy kitchen yard, or a background for flowers and shrubs. It does these and scores of other very useful things, and it lasts a lifetime!

Dubois Woven Wood fence is made by hand in France of split, live, chestnut saplings bound to horizontal braces with heavy, Copperweld wire—absolutely rust-proof. Outsiders cannot see through it.

It comes in 5-ft. sections, in three heights, 3' 10", 4' 11", and 6' 6", with charming gates to match.

Imported and sold by
ROBERT C. REEVES CO.
187 Water Street - New York

*May we suggest that **you** take a look and see if you, too, can't improve the appearance of your home by putting up some **Dubois Woven Wood Fence**. Chances are you can, and our representatives are ready to help you solve any landscaping problems—without obligation, of course. Just mail the coupon for photographs of various Dubois uses, erection data, and price list.*



ROBERT C. REEVES CO.
187 Water St., New York

Please send me illustrated Portfolio and Price List of Dubois Woven Wood Fence.

Name _____

Address _____

City _____ State _____ H





WHAT'S NEW ABOUT THE NEW PIERCE-ARROW

. . . Continental in atmosphere, and essentially of the hour in smartness of line and color and equipment.

. . . A broader, lower-swung body, with fenders suggesting winged flight.

. . . Fender headlamps which carry with them small auxiliary helmet-type lamps midway between fender and radiator in an extremely graceful grouping. (Bracket headlamps optional without added cost.)

. . . A deeper radiator fronting an engine which is remarkable for new heights of speed, power and smoothness.

Altogether, a beautiful patrician—a worthy bearer of tradition which is Pierce-Arrow. And at a price which adds to its unusual attractiveness. *From twenty-nine hundred dollars—at Buffalo. Twelve custom-built models.* The Pierce-Arrow Motor Car Company, *Buffalo, N. Y.*

PIERCE-ARROW

The NEW *Series* 81

You may purchase a Pierce-Arrow out of income, if you prefer. A simplified financing plan makes this a most practical procedure. Your present car accepted as cash up to the full amount of its appraisal valuation.

UNITED STATES TIRES ARE GOOD TIRES



UNITED STATES RUBBER CO.

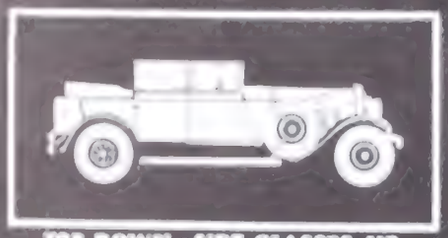


Travel north, travel south, go east, go west - no more significant words will you hear about tires than these:

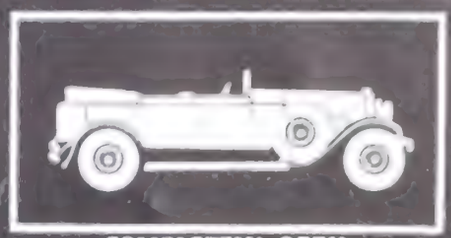
PLENTY OF RUBBER IN U.S. ROYAL CORDS



COMPLETELY ENCLOSED



TOP DOWN - SIDE GLASSES UP



COMPLETELY OPEN

The Phaeton Sedan

New body style heretofore obtainable only on special order from custom coach builders

Model 88 Phaeton Sedan $1895
Model 115 Phaeton Sedan $2395



Auburn has risen rapidly to its present eminence by depending entirely upon the proven superiority of the car itself. The increasing thousands of Auburn owners means infinitely more however, than a remarkable success. It means we must build even better cars and give even greater value because the public has a right to expect MORE from Auburn than from others. Evidence of our determination to keep faith is all BUILT into the new Auburn; including, 115 Horsepower Straight Eight, Bohnalite Steel Strut Pistons, Lynite Connecting Rods, Double Armor Plate Frame, Bijur Chassis Lubrication System, Hydraulic Four Wheel Brakes, Dual Manifold, Dual Carburetion, Hydraulic Shock Absorbers, and All-Steel Running Boards.

STRAIGHT EIGHT

AUBURN

POWERED BY LYCOMING

n $1395; 76 Sport Sedan $1295; 76 Cabriolet $[illegible]; 76 Roadster $[illegible]; 88 Sport Sedan $[illegible]; 88 Cabriolet $[illegible]; 88 Roadster $[illegible]; 88 Speedster $[illegible];
ton Sedan $1895; 115 Sedan $2195; 115 Sport Sedan $2095; 115 Cabriolet $2195; 115 Roadster $1995; 115 Speedster $2195; 115 Phaeton Sedan $2395. Freight, Tax and Equipment Extra.

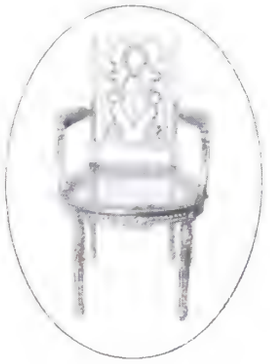
CARVED PIECES



THE sole purpose of the Lightolier Galleries is to place at the disposal of decorators and their clients a virtually limitless collection of magnificent carved pieces of authentic period designs. Almost incredible replicas ranging from the massive types of the Italian Renaissance to the delicate pieces of Louis Seize, are to be discovered here. From such a magnificent assemblage, with each carved piece representing the skill and artistry of L. Vander Voort, distinguished woodcraftsman of Belguim, one may readily select a Lightolier masterpiece to strike the precise note of harmony desired in any decorative scheme.

A budget of even modest dimensions will find Lightolier prices comfortably within its limits.

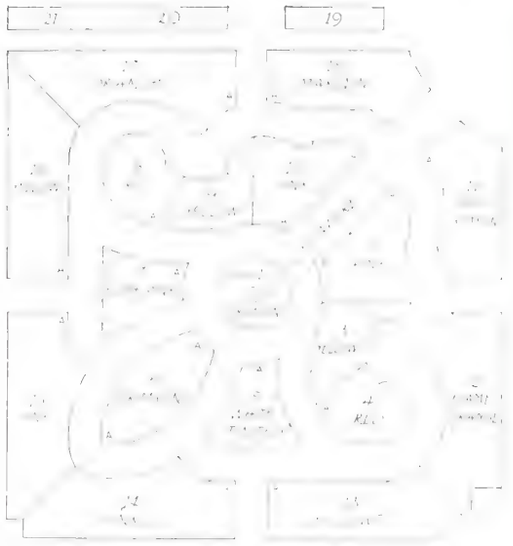




LIGHTOLIER GALLERIES

[illegible] BROADWAY ~ NEW YORK

[illegible] BLDG ~ LOS ANGELES



Each square unit will contain from 54 to [illegible] plants, according to the spacing. This is the plan for the southeast corner

FOR TOWN BETTERMENT

(Continued from page 139)

PLANTING FOR PLAN ELEVEN

Bed 1, Pelargonium—8 Gruss an Aachen, 8, *Hybrid Teas*—30 Souv. d. Geo. Pernet, 8, 30 Los Angeles, 8, 36 Mrs. Pruet's Nichols, 8, 36 Ville de Paris, 8, 36 Red Radiance, 8, 36 Souv. de Claudius Pernet, 8, 36 Konigin Carola, 8, 30 Angele Pernet, 14, 30 Rev. F. Page Robert, 14, 30 Château de Clos Vougeot, 1, 70 Mrs. E. P. Thom, 14, 70 Chas. K. Douglas, 14, 70 Radiance, 1, 70 Mrs. Chas. Bell, 1, 70 Betty Uprichard, 17, 70 Mme. Butterfly, 18, 50 Mrs. Aaron Ward.

A. Accent—Either billed Boxwood or *Thuya occidentalis globosa*. All beds Lined with Boxwood where hardy, or Box Barberry.

POMPON, 116

(Starting at right of main entrance and continuing at east side and across south side to Arbor Vitae, page 139)

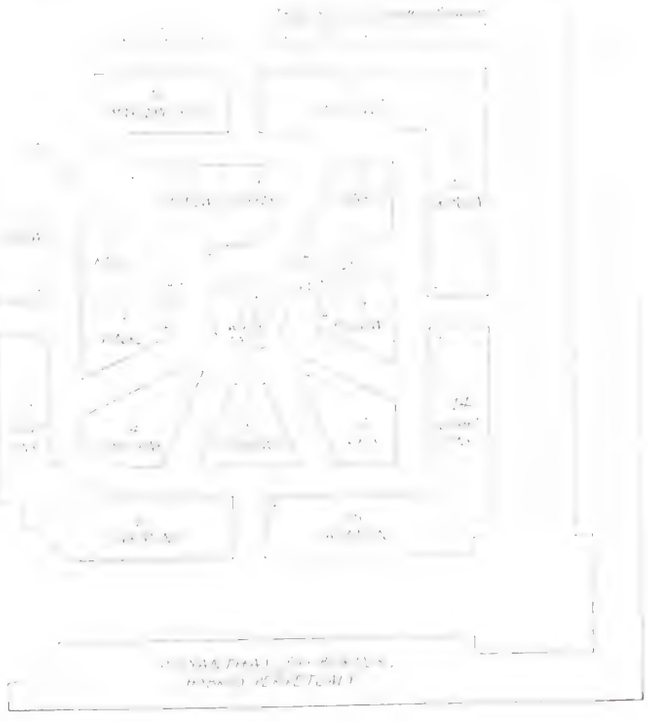
Locate 15 on large plants.

15 Bengal, Comtesse du Cayla; 15 Bengal, Hermosa, 30 Bourbon, Souv. de La Malmaison, 15 Bengal, Mme. Eugene Resal, 15 Bengal, Hofgartner Kalb.

CLIMBING PERPETUAL AND HEDGE ROSES

18, E. Gerard—24 Gruss an Teplitz; *14, pillar*—6 Bloomfield Perpetual; 4 Juliet, *14, pillar*—6 Isobel; 8 Gloire de Chedane Guinoisseau, *14*

(Continued on page 170)



The southeast unit, with its outer walk where arches are placed every twelve feet. Planting lists compiled by Conard-Pyle Co.



Let us observe the formality of the coffee hour with

HEPPELWHITE

Reed & Barton Sterling, in this distinctive Heppelwhite Coffee Set, reigns supreme during the ceremony of the coffee hour. There is a subtle suggestion of well-bred splendor in the delicate tracery of its pattern. There is more than a hint of Old World dignity in its stately lines.

And, in the Reed & Barton Sterling mark that appears ever so inconspicuously on each piece, there is assurance of the calibre of silvercraft that went into its making. The Heppelwhite Pattern in Reed & Barton Sterling Silver is produced in complete services of hollow ware and flatware.

TAUNTON, MASS. REED & BARTON NEW YORK, N.Y.



COMPOTIER, Sterling Silver in Heppelwhite Design



HEPPELWHITE COFFEE SPOON

REED & BARTON

STERLING SILVER PLATE



In a New York apartment of [illegible]

ROBRAS 20-20 *Means*

Radiators Out-Of-Sight
Radiators Out-Of-The-Way

YOU, yourself, have found out the problem it is to decorate a room heated by old fashioned radiators. Whether you ignored them or glorified them with magnificent enclosures, they were still there in the way. Wherever comfort, convenience, and beauty are important, Robras 20-20 out-of-the-way, in-the-wall radiators are being used.

They are made of brass and designed to be concealed. They lose none of their efficiency when they are concealed. They fit in any standard studding. That is, you know, the space between the inner and outer walls.

Only two inconspicuous grilles set flush with the wall, betray the source of the bountiful warmth. One of the grilles is immediately beneath the window sill. The other is just above the floor. The grilles can be as simple or as elaborate as the owner and architect wish.

These radiators can be used with steam, hot water or vapor systems. As they are made of brass, they never need painting or require any other upkeep.

We have a booklet for you.
Please send us your name on the coupon below.

H. G. 1-28

FOR TOWN BETTERMENT

[illegible] from page 17

[illegible] Simplicity, 8 Baronne Rothschild, [illegible] 6 Irish Beauty, 2 Henry Nevard, [illegible] 6 Irish Fireflame, 2 Ginette Arends, [illegible] 6 Innocence, 4 Mme. Albert Barbier.

Inside (4 at large plants)

Aisle

Corner

4 Mme. Albert Barbier; *(At pillar)* 6 Innocence; 8 Anna de Diesbach; *(At pillar)* 6 Irish Fireflame, 8 General Jacqueminot, *(At pillar)* 6 Isobel, 2 Chas. [illegible] 6 Irishbeauty, 8 Ulrich Brunner, *(At pillar)* 6 Irish Fireflame, 2 Ginette Arends, *(At pillar)* 6 Simplicity, 4 Baronne de Lyon. *(N. E. Corner)* 4 Gruss an Teplitz.

RUSSIAN AND DUTCH GARDEN
(Aisle)

4 Sir Thomas Lipton, *(At pillar)* 6 Old Gold, 2 Hadley, *(At pillar)* 6 Mme. Ophirie Leroy, 6 Souv. de Claudius Pernet, *(At pillar)* 6 Irish Engineer, 2 Betty Douglas, 2 Cochet, *(At pillar)* 6 Irish Justice, 4 E. J. Compton.

Corner Plants

The [illegible] [illegible] [illegible]



. . OUT OF . . . HE CAMPFIRE AME SOMETHING EW, AMAZING

HERE it was! A glittering, glowing stream. A slow, almost transparent liquid, creeping out m the heart of the fire! A strange stance that quickly hardened at touch of the cool sea air!

magine the amazement of the rdy men of old. Unending adven- e had been theirs. Thrilling sights y had seen by the score, but noth- like this. It was mysterious, un- ountable . . . yes, a miracle!



. . .

Hardy sailors were they, men of cient Phoenicia, whose bold enter- ses sparkle upon the pages of his- y. Sailing over the blue Mediter- ean, their ship had become dis- ed. So they encamped on the dy shores of Syria.

And now they had accidentally den upon a startling secret . . . w? . . . They had brought from the p blocks of natron (carbonate of da) on which to place the cooking ts, because their camping ground s bare of stones. The intense heat of the fire, says the legend, caused the natron and the sand of the beach to unite. Thus was formed a new, gleaming material . . . the first glass man ever saw!

Forty centuries ago . . . Whatever the truth of the ancient [illegible]

. . .

are the rich heritage of Heisey's fascinating glassware. How else explain its popularity, its vogue [illegible]

. . .

come goblets and glasses and plates . . . every item of glassware for the home . . . that for their delicacy and exquisite quality would have amazed the ancients . . . as much as the first discovery of glass. For they never dreamed that such heights in the art could be attained.

. . .

craftsmen, superb glassware in an entrancing array of patterns and designs . . . pieces for every purpose . . . complete table services . . . that you will be proud to own or give as presents. Brilliant crystal and enchanting colors . . . Flamingo, Moon Gleam and Hawthorne. On sale at leading stores, where you can identify the genuine by the Heisey ⟨H⟩ symbol of quality.

[illegible]

A. H. HEISEY & COMPANY

. . .

HEISEY'S

GLASSWARE ⟨H⟩ *for your Table*

LASS PERFECTED THROUGH THE SECRETS OF FOUR THOUSAND YEARS







Excellent for all inside work, Pondosa is a particularly happy choice for built-in features, such as this cozy little window seat

Let's begin with the front door!

THAT's surely a pleasant place from which to consider a house. Most people get their first impressions from the doorway. Much of the sentiment is gathered about it. So let's start at the front door.

The way a door hangs its snug fit, its lasting trueness—depends on the wood it is made of. Leading makers of sash, doors and window frames know this. That is why they use Pondosa Pine. That is why builders and experienced architects specify sash and doors of this good wood. For as the house ages and seasons—doors, windows, siding and trim of Pondosa Pine will stay straight and true down the years.

Now let's go inside. What wood shall we use for the stairway? For the fireplace, paneling, balusters, kitchen cupboards and interior trim? Wherever a light, easily worked, soft wood is needed, use Pondosa. Pondosa finishes beautifully. The way it takes paint and light enamels will delight you.

Even though you don't actually purchase the lumber for your home, make sure that Pondosa Pine is freely used. Your personal interest will pay big dividends. Talk it over with your builder and architect. For further information, address Department 10, Western Pine Manufacturers Association, Portland, Oregon.

Pondosa Pine

The Pick o'the Pines



CHEVROLET

for Economical Transportation

True Distinction

Dignity, correct appearance, an unobtrusive manifestation of character . . . these combine in the new Chevrolet to create a harmony that infallibly wins respect.

Here is the underlying reason why the new Chevrolet is being singled out for attention wherever it makes its appearance. One is never conscious whether this admiration is evoked by the perfect proportioning of its exterior beauty, by the flawless execution of its Fisher bodies, or by its obvious ability to meet every driving demand with its powerful motor and four-wheel brakes. Rather, there is a marked sense of well-balanced excellence—an unmistakable air of richness . . . grace . . . dignity . . . and poise.

CHEVROLET MOTOR COMPANY, DETROIT, MICHIGAN

Division of General Motors Corporation

The Roadster, $507; The Touring, $525; The Coach, $585; The Sport Cabriolet, $660; The Coupe, $595; The 2-Door Sedan, $675; The Imperial Landau, $775.

All prices f. o. b. Flint, Michigan

Bigger and Better

QUALITY AT LOW COST



THE PIERCE-EASTWOOD RADIATOR

Is Known For Its Decorative Beauty—
Not Merely For Its Comforting Warmth.

On Request — A Helpful Booklet, Illustrated in Color —
"From Cozy Nooks to Spacious Rooms — A House of Charm"

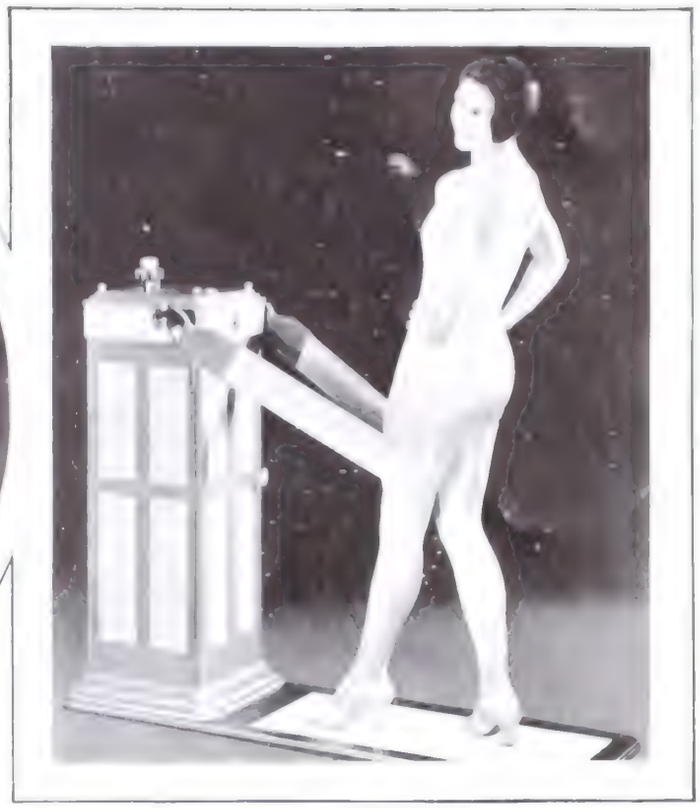
PIERCE BUTLER & PIERCE
MANUFACTURING CORPORATION
41 East 42nd Street . . . . . New York

Branches and Distributors in Principal Cities

PIERCE-EASTWOOD RADIATORS



*girth
gthening
l muscles*



*Reducing
from an
Oscillating
Belt-
Massage*

To women and men who want to be more youthful in appearance and in fact:

Now you can be *Slimmer, Trimmer* in a new, easy way

The Burdick does the work of exercising for you—you get the results

NOW a more radiant healthfulness and a slenderer beauty can be yours without effort, monotony, or boredom, and without strict diet, or any other disagreeable feature.

A new scientific method is responsible—applied through the Burdick Personal Home Trainer, a wonderful new apparatus which massages with a gentle oscillating motion (no electric current touches you) to reduce weight at any point on the body, or gives stimulating, blood-circulating exercise to any part that needs building up in strength or activity.

The New "Home Method"

You get all the Burdick Personal Home Trainer's benefits right in your own home. [illegible] the machine itself—you get the benefits.

Men, women and children—all improve.

The Charm of Health

It brings improved digestion and elimination, better body-functioning, increased protection to and strengthening of the vital [illegible] clearer skin and the brighter eyes that come with physical well-being.

While you spend a few minutes daily with the Burdick Trainer, it *saves* you time because you achieve more in six healthy hours than you do in eight when you are even slightly under par.

Based on Years of Medical Research

The Burdick Personal Home Trainer is the product of the world's largest manufacturers of Precision Ultra-Violet and Infra-Red Ray Lamp Equipment for the Medical Profession. The Burdick Corporation has spent years in medical research. Its "Home Trainer" is designed according to the best medical theory and practise—scientifically and mechanically correct.

Only One With Working Parts Enclosed

A neat, stylish, beautifully finished cabinet encloses [illegible] children's way. Ten other features insure [illegible] Be sure to get them in your home exerciser.

You'll soon notice Burdick Trainers in hotels, clubs, hospitals, sanitariums and in thousands of homes—used by the country's most intelligent people.

Free, Illustrated Book

Send coupon now for the new Burdick Book, "Keeping Step with Youth." It describes and illustrates just what "Trainer" can do for you and your entire family, young, middle-aged and old. What are the exercises and the massaging operations that *you* need?—this book pictures them and tells how "Trainer" gives them to you.

You can maintain or regain your slender, youthful lines, your feeling of efficiency and fitness in this new, attractive way. It costs nothing to convince yourself. Just mail the coupon below.

What Exercise Helps

Besides General Health and Beauty

Consult your physician for the proper form of exercise to relieve any of the following conditions:

Headaches	Poor Circulation
Biliousness	Over-weight
Indigestion	Under-weight
Constipation	Lack of Appetite
Sleeplessness	Sluggishness
Nervousness	General Lack of Tone

Tells Just What It Does

THE BURDICK CORPORATION
Dept. H-O-L Milton, Wisconsin

Please send me your free booklet "Keeping Step with Youth" without [illegible] and with [illegible]

Name _____

Addr _____

City _____



IN STATELY mansion or modest cottage Crittall Casements provide the same attributes of beauty. The charm of windows alive with sparkling panes of leaded glass—the cheerfulness of light, airy interiors are qualities common to them both.

The wide use of Crittall Casements reflects how well they harmonize with every type of home—how truly economical they are when the comfort and protection offered by their sturdy wind and weather-tight construction are considered.

Ask your architect about Crittall Casements—he can show you how they can add numerous artistic touches to the home you are now planning. And ask us to send you our illustrated catalog.

CRITTALL CASEMENT WINDOW COMPANY
10964 HERN AVENUE , , DETROIT, MICHIGAN

CRITTALL CASEMENTS

Cost is Small [illegible] *Layouts and specifications Also available* [illegible]



From arid soil on Milner Pass comes the Dahlia-like Townsendia. Its lilac or cream flowers are borne in heads and resemble those of the Paper-white Narcissus.

ALPINES IN THE ROCK GARDE

(*Continued from page 174*)

markable phenomenon among the mountains is the almost daily thunder shower which develops with the regularity of clockwork in the early afternoon and for about twenty minutes fairly drenches the localities that it visits.

But it is during the interminable and Arctic-like winters that the element are most impressive. For eight long months all exposed areas are swept and kept bare by the incessant gales, tremendous snow-falls are drifted and packed into ravines and hollows, and the temperature keeps around forty or fifty degrees below zero. It is needless to say that any living [illegible] can survive such an ordeal, but the fragile Alpine vegetation [illegible] and, indeed, seems to take on new life and [illegible] in consequence.

The [illegible] of Alpine plants, as a result of their stern environment, has come to differ in a great many respects from that of closely related species of the lowlands. Instead of having abundant foliage and upright, often branching stems which bear their blossoms aloft, their foliage is minute, the [illegible] strictly [illegible] or in [illegible] correctly worthy, and the plants form close mats or low, dense tufts that fairly hug the surface of the ground. In many instances, all parts of the plant are covered with a thick [illegible] exactly [illegible] the idea of [illegible] purpose of giving protection from intense cold, terrific winds and other [illegible] of [illegible]. There is also a wide difference in root systems. Those of Alpine plants are unusually large—in fact, out of all proportion [illegible] the [illegible] of the plants themselves. In peat bogs, marshy places and sheltered pockets many kinds have spreading, fibrous roots; but those growing on exposed, rocky slopes where the soil is thin usually develop enormous tap-roots, in many cases only one to a plant. These tap-roots seek out and push their way into narrow crevices or between adjacent rocks and serve as anchors as well as providers of nourishment.

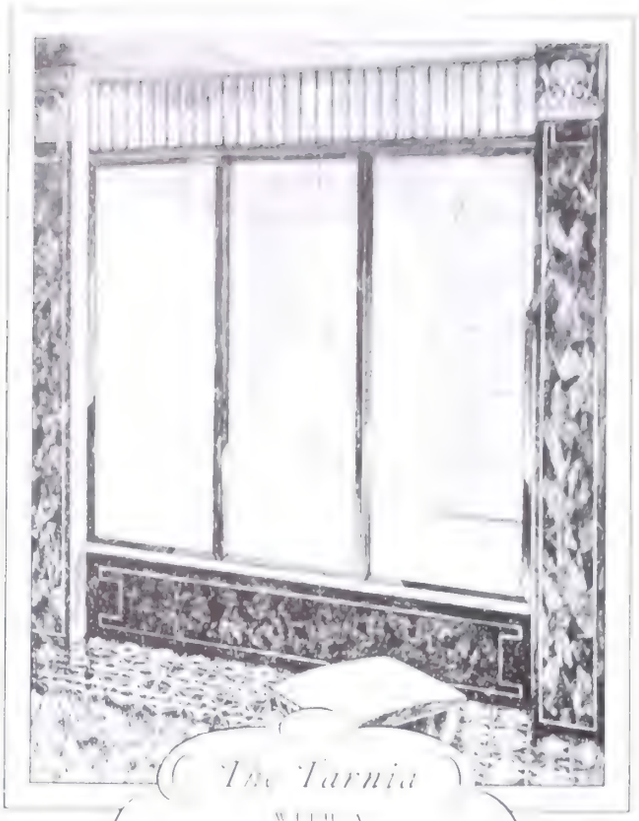
Alpines are always mulched, for the frequent showers are always washing down soil and grit and depositing both around the plants. The never-ceasing [illegible] is also carry imperceptible, but in the long run very appre quantities of sand and humus; even the winter snows bring leave behind them goodly suppl nutritive material.

When one considers the unco thousands of years during whi pene plants have been accus themselves to the rigorous cl meager soil and brief growing s of their bleak mountain hom can understand the remarkable bility they manifest in new and different locations. So it does not surprising that those who attem cultivate them in rock gardens with gratifying success, if every sonable effort is made to supply tain of their cultural needs.

This is not a difficult task by means. It is not necessary, for insta to reproduce with any great ex the peculiar conditions that pr upon the mountain tops, but much y be done to approximate those co tions. We know that Alpin rock-loving plants, so it follow a rock garden is the best kind of den in which to grow them. An al rock garden for the purpose, and he that would be rather complica small scale of formations the frequent among the mountains, sh cover two converging ridges, the i slopes of which face each other come together at the higher end. T intervening valley will then degrees, and narrow as it rises, t point of convergence. Tributary vines may be excavated in the and there should be nooks and cra everywhere. One slope may be up with granitic rocks: the othe at least a well-rounded section with limestone. See to it that lin stratification run in the same d tion and that the two kinds of are never mingled. Isolated rocks boulders should always be buried depth of from one-third to one of their height. Avoid piling or bling rocks and boulders of diff sizes, shapes and colors in meanin confusion. Remember Prof. Ba aphorism: "A rock garden is a in which to grow plants. If making a collection of rocks, hi suit is geology rather than garden

If possible, there should be a b

(*Continued on page 180*)



The Tarnia

...OOM JEWELRY, decorators ...alled this Tarnia with its ... enclosure of sparkling glass, ...ing the swan song of the ...g duck curtain. The doors ...stantial, piano hinged. Above them ...tilating grille. This beautiful, conven- ...ient arrangement is but one of the ... book of that name. With *Homes of* ... of plumbing and decorating hints. Write for both volumes. About installation, consult any responsible plumbing contractor.

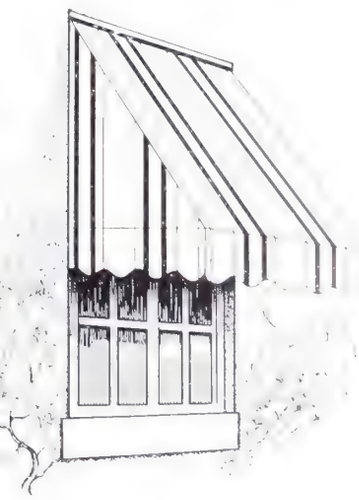
CRANE

...EVERYTHING FOR ANY PLUMBING OR TILE ...

DUBAN *Awnings*

...U.S.P. ...

In Brilliant and Distinctive Colors



...patterns ... and colors that breathe ... of old Spain and the Riviera villas. Duban Awnings are artistic; they will add charm and distinction to your home.

Tailor Made—Reasonably Priced

...Duban Awnings are made from high grade ... galvanized frames and fixtures. They will be delivered to you ...promptly and will give enduring satisfaction.

Write now for the samples of beautiful color combinations, ...rices, and name of nearest dealer.

THE DUBAN SHADE CORP.
270 *S. Clinton Ave.* ROCHESTER, N. Y.



KAUFFMAN
RADIATOR
SHIELDS AND ENCLOSURES

...WRITE FOR FREE DESIGNS AND PRICES ...
American Metal Products Corporation
...

Clip This Coupon Now



Good Taste

The hostess who takes pride in the beauty and correctness of her table knows that the table covering is always the primary consideration. She chooses linen damask because nothing else can lend that air of simple, quiet dignity which good taste requires.

For more than a hundred years Gold Medal Damask has been the chosen table covering of those who make living an art.

Ask your dealer to show you the latest Gold Medal patterns. They will add gracious beauty to any table setting. Write Lockhill & Co., 51-53 White Street, New York. Also in Belfast, Ireland.

GOLD MEDAL linen
TABLE DAMASKS

ALPINES IN THE ROCK GARD

(Continued from page 178)

[illegible] meandering through the valley and emerging into a pool of modest size near the lower end. Below the pool a hillock of rocks and soil may be so constructed and placed as to divide the brook into two forks, and create an opportunity for making two moraine gardens. One of these may be devoted to acid soil plants and the other to indifferent and lime-loving kinds. Outlets can be installed in the pool, that will regulate the flow of water through the moraines, so it can be increased or diminished and cut off entirely during the winter.

A congenial soil for plants from alpine regions may be made by mixing equal quantities of decomposed Pine or Hemlock needles or Oak leaves, good fibrous loam or potting soil, and coarse, sharp sand that contains no lime. Soil suitable for lime-loving plants should have the same proportions of leaf-mold or compost, ordinary garden loam, and sharp sand mingled with a liberal quantity of limestone chips. The blue stone used for [illegible] roads, white limestone will answer admirably for chips.

CONSERVING MOISTURE

It is well known that Alpine plants are plentifully and constantly supplied with moisture by frequent rains and melting snows. But the normal rainfall of the lowlands is not a sufficient substitute and must be supplemented by [illegible] showers and during long dry [illegible] by liberal use of the garden hose. However, much moisture can be conserved by maintaining a permanent mulch composed of a mixture of grit and [illegible] like that provided by Nature on the mountains. If the soil is [illegible] mechanically after hard rains, and [illegible] promptly when it is seen to be needed, [illegible] will not look unsightly, loose from evaporation will be lessened and it will not be necessary to use the hose [illegible] often. Such a mulch will also prevent the heaving out of plants by alternate freezing and thawing.

After we have discovered that the best way to reconcile Alpine plants to the [illegible] temperature prevailing at low altitudes is to plant them where they will be partly shaded during the heat of the day, maintain a mulch and provide continuous moisture. So treated, the plants seem to forget quickly their accustomed frosty nights and blazing noons.

In the kind of rock garden I have briefly pictured, there is no reason why a [illegible] measure of success should not be achieved with any of the following species. As very few Rocky Mountain flowers have yet been given French or common names, I have [illegible] a sufficient number to supply deficiencies in these lists.

FOR DEEP, SANDY SITUATION

Achillea millefolium. Mountain Pearl. 8-10 inches. Branches freely. Flowers pure white. A most desirable form of the common Yarrow.

Alsinopsis grandiflora. Stardust. Makes low cushions covered with starry white blossoms, suggesting the [illegible] Best Sandwort I have ever seen.

Anemone zephyra. Daffodil Anemone. 4-6 inches. Flowers [illegible] clusters, resembling Paperwhite Narcissus. Color, white or [illegible]. Appears identical with the Eu[illegible] *Anemone narcissiflora.* Prefers [illegible] soil in the lee of cone-b[illegible] evergreens.

Chrysopsis pumila. Alpine G[illegible] aster. 4-5 inches. Foliage, gra[illegible] woolly. Bright orange-yellow fl[illegible] like those of the Eastern G[illegible] aster, but larger.

Draba streptocarpa. Mountain [illegible] low-grass. 3-6 inches. Flowers [illegible] yellow in masses. A fine rock [illegible] species.

Dryas octopetala. Alpine R[illegible] close mat of dark green, sca[illegible] leaves, bearing snow-white blo[illegible] like single Roses in great prof[illegible] Charming. *Dryas suendermanni* hybrid with much larger flowers is also particularly fine.

Erigeron compositus. Daisy-a[illegible] beautiful dwarf composite, only [illegible] inches high, with blossoms rivalin[illegible] Field Daisy in size and having a [illegible] range from white to violet-p[illegible] Several attractive forms were

Eriogonum ovalifolium. Stemless S[illegible] plant. A brilliant, extremely [illegible] species, rising less than an inch [illegible] the surface. Flowers sulphur-y[illegible] forming a wreath about the in[illegible] mat of grayish foliage.

Erysimum asperum. Purple [illegible] flower. 4-10 inches. A rosy-[illegible] form of the usually yellow or [illegible] Western Wallflower. Very des[illegible]

Mertensia oxyata. Alpine Blu[illegible] 4-8 inches. Flowers deep, br[illegible]nt blue, in drooping clusters. The [illegible] foliage persists through the sum[illegible]er, instead of withering after thr[illegible] ripens. *Mertensia alpina,* 4-6 [illegible] a closely related species, with u[illegible] flowers in dense heads. Also sub-A[illegible]

Phlox condensata. Pygmy P[illegible] Forms close mats, hugging the gr[illegible]d. Flowers white, lavender or pink id[illegible] in the inconspicuous foliage. I[illegible] ingly attractive.

Polemonium confertum. Blue [illegible] Flower 4-8 inches. A pl[illegible] scented "Jacob's Ladder," occasionally seen in cultivation. Flowers tr[illegible] fine in every respect.

Polemonium pulchellum. [illegible] Beauty. 4-10 inches. Another pr[illegible] lovely "Jacob's Ladder" with [illegible]n-like leaves and clusters of bri[illegible]nt blue blossoms.

Polygonum bistortoides linifolium. Pompons. 8-10 inches. A some narrow-leaved Alpine form widely distributed species of weed. The slender stems termin[illegible] glistening white or rosy-pink po[illegible] shaped flower spikes. Striking.

Ruhbergia grandiflora. Sunblo[illegible] 6-8 inches. One of the showi[illegible] pines because of its enormous gol[illegible] yellow blossoms, averaging [illegible] five inches across, that shine like [illegible]rnished gold on sunlit mountain [illegible]es.

Saxifraga chrysantha. Cups of [illegible] 1-4 inches. The brilliant y[illegible]ow chalices, as large as Marsh-mari[illegible]ds, make a brave display among the [illegible]mber rocks of the high Alpine re[illegible]ns.

Senecio werneriaefolius. Mo[illegible]

(Continued on page 212)



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Pictured at left of the hundred very perfect specimens of Mukdenense. Its flowers suggest little tea-cup white Roses

A GARDENER'S MISCELLAN

Continued from page 1040

and often again in late summer and autumn. It is a lovely thing. Requiring a little more careful treatment, *G. cuneatum* and *G. orientalum* are quite worth the extra pains we must take to give them perfect drainage and the rather peat and stony soil that they prefer. *G. cuneatum* forms a tuft of little, low, shiny leaves and bears prettily natural-looking little blossoms the color of a Wild Rose.

G. orientalum has leaves of like size and the flowers are paler in color though veined with rosy lines. The plant is also a little taller and less compact than the foregoing. *G. traversi* is also a most beautiful thing with silver leaves and pink flowers on [illegible] stems. Some two or three years ago I [illegible] plant in a New Zealand seed catalogue and [illegible] New York Genera has not given it among [illegible] would very likely prove a permanent resident south of Philadelphia and in the temperate climate of the far Northwest. Where the climate is not severe it spreads into nice mats of charming foliage if it is given a sheltered slope in the sunshine.

A small species from the Alps of South America that lived in my garden for several years and I think quite hardy is *G. woodfloreum*. It has a tiny woody trunk and makes a rather congested tuft of leaves from the center of which emerges a head of small white flowers on a stem so short it hardly to rise above the leaves. This is not a showy species but rather quaint and interesting. A beauty, however, is *G. farreanum*. It is a newcomer to my garden but according to Mr. Farrer, who is responsible for its introduction, "in the alpine house throughout the Northern Marches it grows very readily about, erecting a twisted, thread-like peduncle bearing flowers larger than *G. cuneatum*, and of paler, clearer rose." The stems run about underground, coming to the surface in little mats of finely divided

Continued on page 1061



Charming among the early flowering shrubs is Prunus tomentosa. On its slender branches many white blossoms open from gray buds before the leaves appear



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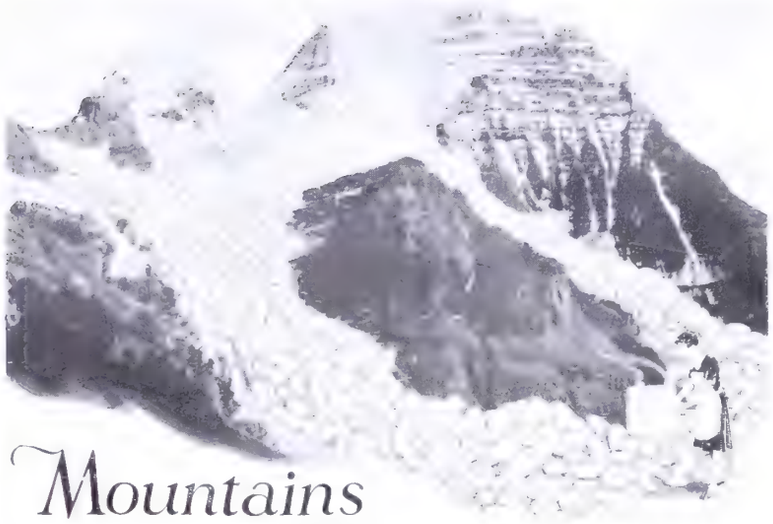
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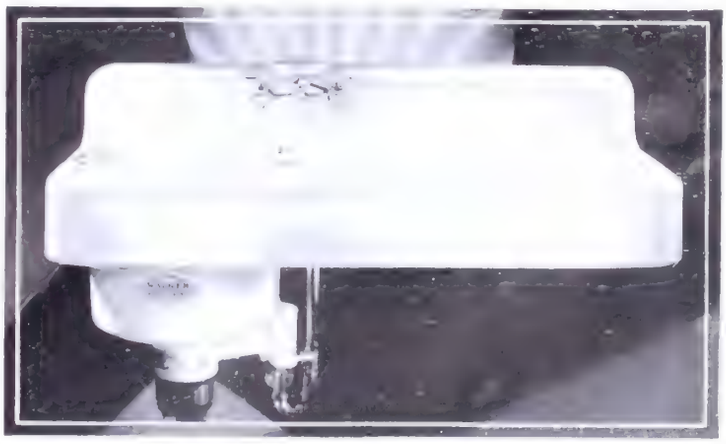


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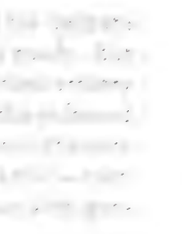


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A GARDENER'S MISCELLAN

(Continued from page 182)

leaves. It desires to obtain a high position in shingly soil.

GROUND COVERS FOR THE ROCK GARDEN—The need for a close-growing creeper or ground cover is often felt in the rock garden. Such plants are valuable for use between the flat stones of the paths, for providing coverlets for small bulbs, for flowing smoothly over stones at the base of the construction and in many other situations. For these purposes there are numerous very engaging small things that willingly enough fill the positions assigned to them. One of the best of them is *Mazus pumilio*, frequently sold as *M. rugosus*, the latter, however, is an annual from Japan, while *M. pumilio* is from New Zealand though hardy in the neighborhood of New York. It forms a close, creeping carpet of bright green leaves studded with little lavender Snapdragon-like flowers in early summer and often again in the autumn. It spreads rapidly and has a tendency to carry the ground of choicer plants.

The well-known Thyme, *Thymus lanuginosus*, is also lovely. It makes a dense, matted cover, over which and stems that is almost hidden during May by myriads of tiny white flowers. The woolly-leaved Thyme, *Thymus lanuginosus*, is also useful, though being [illegible] the color of the stones it does not show up as well. Thyme is good for filling crevices between stepping stones and yields a pleasant fragrance when trodden upon.

Veronica repens has tiny vivid shining leaves and is sheeted in spring with whitish-blue round blossoms. It creeps flat upon the ground and in any warm level place makes a delightful carpet. It is from Corsica.

Two other small Veronicas to be used as ground covers are *V. pectinata*, with gray velvet leaves and stems, that will grow in partial shade, and *V. filiformis*, fragile and pretty with its thread-like stems and tiny leaves and flowers that have a charming way with stones but are rather too rampant to trust among choice plants. For cool shades there are *Mentha requini*, with its tiny leaves smelling hotly of Mint, and the moss-like *Arenaria montana* and *A. balearica*. The latter is happy in damp spots.

A PEACH FOR APRIL—*Prunus tomentosa* is not often seen in gardens yet it is one of the most delightful of early flowering shrubs and perfectly hardy ever in the coldest parts of our country. The photograph shows a branch of it against the dark green of a Red Pine which serves as a fine background for the delicate blossoms. The blossoms are white, opening from pink buds and are set off by their red stalks and calyces, which give them special distinction. *Prunus tomentosa* is one of the many valuable introductions of the Arnold Arboretum from northern China. It grows to a height of five feet and is bushy, often wider than tall. The branches are slender and well covered with gay blossoms which open early in April before the leaves appear. On the undersides the leaves are slightly woolly. The blossoms are followed by a small shining red fruit which is ripe in June.

PINK VIOLETS—Three of these at any rate, are well worth growing. The one illustrated is a little European species, *Viola arenaria rosea*, which may easily be raised from seed. Its habit is neatly tufted and its flowering is of a most generous character. The blossoms are a clear magenta pink—more pink than magenta, however, I hasten to say—and very gay and pretty. Once established in the rock garden it is there forever, for it self-sows freely. It must be admitted, however, that this friendly plant crosses easily with other Violets and presently we find lovely piebald flowers about the garden which are much less attractive than those of pure color, but the poor sorts may be easily rooted out and fresh seed obtained occasionally to keep up the original stock.

Viola hirsuta is most lovely, having larger flowers of a purer and finer color, but this plant, which comes readily from seed, has proved with me very short lived. I should call it a biennial if I did not hear news of it occasionally as behaving in other gardens like a perennial of good standing. The pink form of the Horned Pansy, *Viola cornuta rosea*, is truly lovely. It may be used along the edges of flower borders, in the Rose beds or in the rock garden. It is well to start a little seed of this kind in a frame in August, carrying the young plants over in the frame and planting in early spring.

A QUEEN AMONG MOCKORANGES—Next to Lilacs the Mockoranges are the most important of May-flowering shrubs. They are exquisite in bloom and the greater number of the species and hybrids are deliciously fragrant. Virginal is one of the newer French Hybrids, and while a doubled flower often loses its special charm it is not so in the case of this Mockorange. The flowers are like little Roses, very white, many petaled and with a delightful fragrance. They are borne in great profusion and the bush in bloom looks like a gigantic wedding bouquet. Its height is not more than five feet, as it is a development of the low-growing *Philadelphus lemoinei*, but it should be given plenty of space in which to spread as a well-grown specimen is usually broader than tall. Pruning the Mockoranges should usually be confined to thinning, the stems not being allowed to become congested or the natural grace will be lost.

A ROCKY MOUNTAIN VALERIAN—Most of us are familiar with the white lace-flowered Valerian of the June borders, often called Garden Heliotrope because of its fragrance; but others of its race are less well known. Of these is *V. acutiloba* (illustrated) that came to me from Colorado. It is of a size to fit the rock garden and here grows on a little slope with a face towards the east. The flower heads are pinkish and the tuft of leaves a good and shining green. It

(Continued on page 218)

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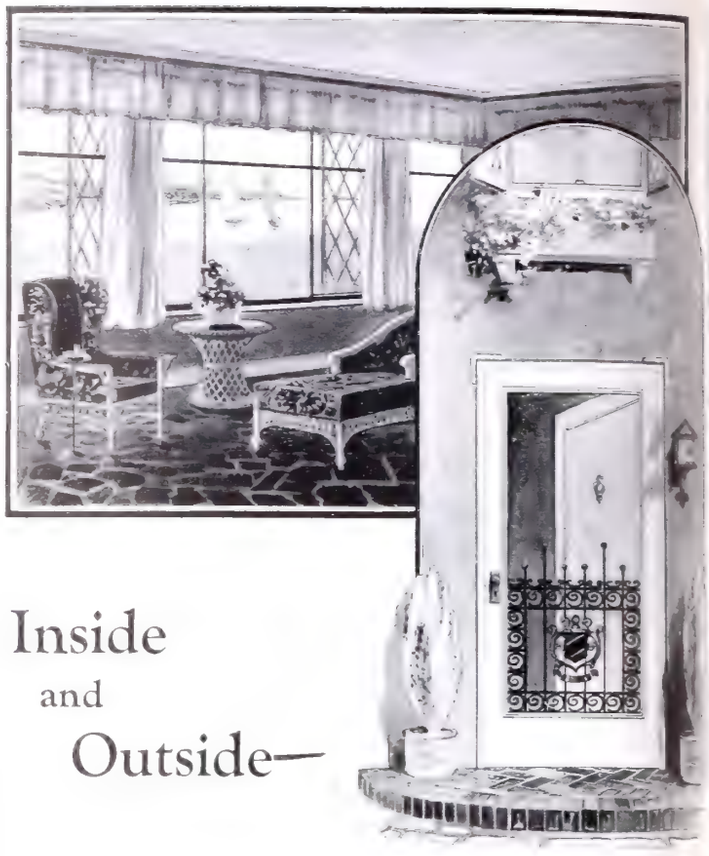
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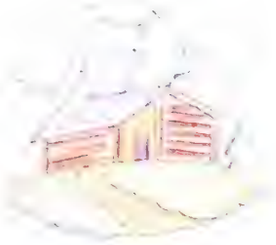
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IN IMMACULATE "cheeseries," whose windows are often bedecked with snowy-white lace curtains, the Swiss cheese-maker plys his craft. Proud indeed is he of his art that has come to him down through the centuries. Never does he take a short-cut in the process. He knows that the famous reputation of Switzerland Cheese is in his hands and he is true to his trust.

Yet, if you should compliment the Swiss cheese-maker on his skill, he would tell you that the reason Switzerland Cheese is so delicious is because it is made *in Switzerland*. There, in that rugged land, juicy grasses, savory-scented herbs, crystal-clear water from eternal glaciers give a flavor to the milk and then to the cheese that can't be copied. For no other country in the world has the same wonderful pastures and meadows that Switzerland has.

To enjoy Switzerland Cheese to the full, it is best to buy it in pound or half-pound cuts instead of sliced wafer-thin. As you bite into the firm, yet tender texture, the wealth of nut-sweet, zestful flavor that comes to your taste is a delightful surprise. What's more, the thicker Switzerland Cheese is, the easier it can be cut in attractive shapes for salads, cold-cuts and desserts.



Switzerland Cheese is served in the finest hotels and restaurants. Famous chefs praise it and insist that it be on hand always. Hostesses who always give successful dinners, luncheons and suppers consider Switzerland Cheese a most appropriate and delicious food.

Ask for Switzerland Cheese by name and look for the many imprints of the word "Switzerland" on the rind. This exclusive identification mark protects you from getting so-called "Swiss Cheese" or that which is "Imported" from countries other than Switzerland. The natural color of Switzerland Cheese varies from cream to butter-yellow. The size of the eyes also varies from large to medium large. But the rare, true flavor of Switzerland Cheese never varies. Switzerland Cheese Association, Berne, Switzerland. New York office, 105 Hudson St.

SWITZERLAND CHEESE

Genuine Swiss Cheese from Switzerland



A smiling Swiss cafe lass "Good morning"

AT A GLANCE YOU CAN IDENTIFY SWITZERLAND CHEESE
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The Swiss cows "pass in review" on their way home



Coffee added to coffee—a special blended richness

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"The Doctor's Cocktail"



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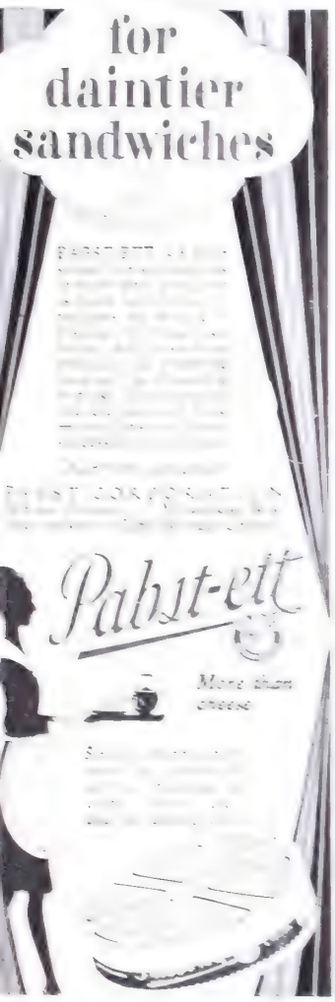


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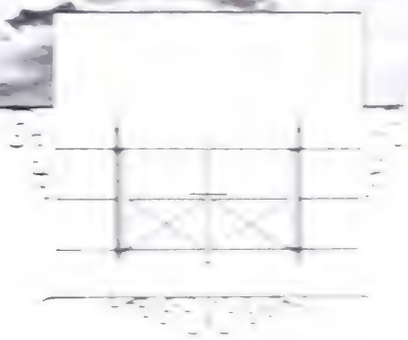


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YALE



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YALE MARKED IS YALE MADE



Lloyd's Stella—Silver stars on grounds of either mellow blue, soft yellow, green, pink or white

COLONIAL AMERICA EXPRESSED IN "THE MODERN"

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Judd Curtain Brackets Nos. 747 and 748, in polychrome finish, and Judd Metal Holdbacks No. 543, were used in the arrangement



In this smart window drapery a striped rayon was used over ruffled net.

You can easily copy this smart window

For much of its beauty comes from the stunning wrought iron fixtures

Like wildfire the vogue for decorative metal curtain fixtures has spread throughout the country. And naturally everyone is looking for new ways of using them. The window above shows a delightful arrangement for two balancing windows; the higher drape should of course be toward the companion window. The Judd Drapery Fixtures comprise a set of decorated curtain brackets with lily terminals and acanthus leaf holdbacks.

Like all Judd Curtain Fixtures, these are easy to use, are beautifully designed, and are perfect in workmanship.

Judd Drapery Fixtures and Judd Bluebird Curtain Rods are for sale at most department and hardware stores. If your merchant does not carry them, write us and we will see that you are supplied by some convenient dealer, no matter how small your order may be. H. L. Judd Company, Inc., 87 Chambers Street, New York, N. Y.

JUDD
Drapery Fixtures

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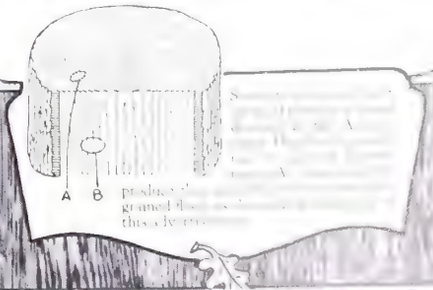
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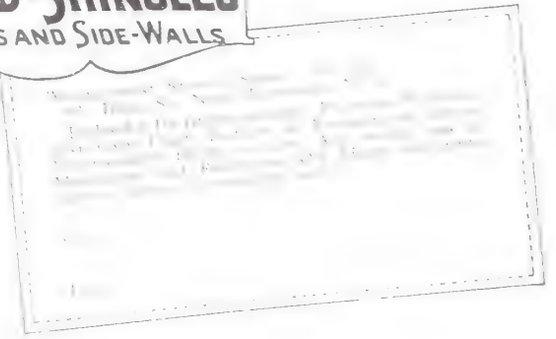
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Let us send Color Chart and Portfolio of Color Photogravures showing a wide range of Weatherbest Stained Shingles for roofs and sidewalls. Our literature also shows the prize-winning homes in the Weatherbest Old Home Remodeling Contest where stained shingles were used over old sidewalls with remarkable results. Send 10c, stamps or coin, to cover mailing and handling. Weatherbest Stained Shingle Co. Inc., 925 Island St., North Tonawanda, N. Y. *Western Plant:* St. Paul, Minn. Distributing Warehouses in Leading Centers.

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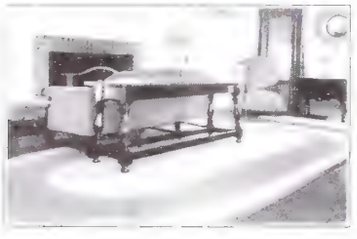




"No wonder Wool "O" Rugs are the vogue"

—by MARY STARKE

"So many women nowadays are breaking away from the conventions of old-fashioned room furnishings! One sees it in decorations of every description. But nowhere has there been more change for the better than in floor coverings.





Rugs such as Wool "O" Rugs seem to combinejust the qualities that are being sought. Their pleasant shapes, now so much in vogue, add a truly delightful touch of softness and hominess. You are glad to have them near you. They are what I call 'friendly rugs'!

"Of course the marvelous Wool "O" color combinations and textures are actually the crowning touch. The rugs are reversible, made of wool through and through, in such tantalizing shades and hues that visions of rooms rejuvenated under the spell of Wool "O" colors come dancing into one's head.

"There are all sizes to be had, from the small throw sizes to room sizes nine feet by twelve feet and even larger. For creating ensembles with varying sizes they are simply superb. And they are marvelously easy to clean. Do make a note *now* to see Wool "O" Rugs at the first opportunity."

Genuine Wool "O" Rugs are sold in rug departments everywhere and are easily distinguished by the Black and Gold Label. A 22x36 inch Wool "O" costs $4.75; a 25x42 inch is $6.50. Larger sizes in proportion. The company making them is The Wool "O" Co., with studios at 1101 Frankford Ave., Philadelphia, Pa.

Send today for Colored Illustrations, Portfolio E

Wool "O" Rugs

SPRING MAINTENANC

(Continued from page 124)

tores them away for fall planting. This seems a great risk, and while it rids the garden of the unsightly yellowing leaves it doesn't seem to be important enough to advocate. I usually plant a few Tulips each year to make up for those that will probably fail to materialize, and the Narcissi are left in place for three or four years, then they are dug up and divided. Of course, if one has a very definite color scheme, or if the spring display of Tulips is very important, then they should be taken up and replanted new in the fall. I say new, for Tulips are rather difficult things to handle and have them come out as you would like the next year. Their second planting had better be in the cutting garden.

ANNUAL FLOWER

Annual flowers present another spring problem. We should employ many more of them in the perennial garden than we do, for they are so valuable in carrying on the color succession during the summer months when many perennial appear to be resting. Some people like to sow the seed directly in the ground where they are to bloom, but this entails a great deal of thinning out or transplanting, and it seems to me that the best method is to sow the seed in flats or seed beds, and transplant once before the seedlings are ready for their locations in the garden. In this way healthy, stocky plants may be secured. Many of the more delicate varieties, or those that need to be started indoors early, such as the Verbena, Heliotrope, Snapdragon or the better varieties of Asters and Zinnias can be easily purchased, but if we boast a coldframe or hotbed we can have a real pleasure.

The work of maintenance in the perennial garden does not cease with the division of plants or the sowing of annuals. There are such weighty questions as pruning, disbudding, cultivation, staking and spraying, things that are best learned through bitter experience or the reading of a few of the many good books on the subject of garden making and keeping. Briefly it can be said that the best time to prune flowering shrubs is when they are in bloom, but failing this we should prune them immediately after. Thus we escape the danger of removing next year's blossom buds. If we take out the old stalks and cut back those branches that are too long we will do enough pruning. No bush should be pruned to keep it small. If it gets too large remove it to a place where it has room, and then replace it with a smaller one.

To disbud or not to disbud is always a question. It is best answered by asking ourselves whether we prefer a cluster of small flowers or a single gigantic bloom. Peonies and some Roses, as well as the fall bloom Chrysanthemums, are the ones that need this consideration. If we de to disbud, remove the side buds, l ing the central one to develop. A nuals need a similar operation. W them it is generally called "pinchir out," and consists of the pinching ba of the main stalk, thus causing r lateral ones to develop.

Strong stakes, painted a neutr color or a good green, are necessa for all plants that grow above tw and-a-half feet, and which are n overly sturdy. Delphiniums, Holl nocks, Lilies and Dahlias are amo these. Sudden winds and hard summ rains are apt to play havoc with o choice blooms and brittle stalks if th are not protected by staking. The too, such annuals as Cosmos, Glad lus and frequently African Marigol are better off with stakes than withou These stakes should be put in plac when the plant is about half grow and as it increases in height it shoul be tied with pieces of raffia, not s tight, however, that the stalk is bruise

Cultivation in the garden in t spring is necessary to loosen the win ter-packed soil so that the warm rain and air of spring can penetrate dow to the roots of the plants. This opera tion will also remove any biennial o perennial weeds that may have crep in last summer when we were una ware. The cultivation, however should only be a couple of inches deep so as not to harm the bulbs, and w must be very careful to locate thos late comers which have not yet thrust their heads above ground. A sprinkling of bone meal and a bit of lime may b added now and worked in easily.

DISEASE AND BUGS

There seem to be two bugs and at least one fungous disease for every choice flower. There is, for the most part, no remedy for fungous diseases. It is a case of prevention being better than a cure. The worst diseases of this nature that the perennial garden has to cope with are the blight on Hollyhock leaves, and the black rust on Delphinium, although leaf spot on Roses and the mildew of Phlox are ugly. To combat these if they are present, or to prevent them if they are not, one must begin immediately in the spring to spray the plants with a weak solution of Bordeaux mixture. As the plants increase in size continue with the spray at least once a week. It can be stopped when the plant is in bud, but if you are planning on their foliage after bloom the operation must begin again. If, on the other hand, these diseases do creep in the only recourse is to remove the leaves that are infested and burn them. If it still progresses unchecked, cut the plant down and burn it, replacing with new stock.





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"SUNSHINE AT THE SNAP OF A SWITCH"



May-flowering Tulips and Parkinsonia form an interesting combination [illegible]. The foliage of the bulbs will not be unsightly when it ripens, for the Parkinsonia will hide it from view.

COVERS FOR MANY CONDITIONS

(Continued from page [illegible])

In choosing ground covers we are interested in their habit of growth, density, attractiveness of foliage (for we want to have them look good appearance during a long period as possible) and their degrees of hardiness under trying conditions. It is well if they have attractive flowers or fruits, but these are secondary consideration. Their habit of growth is the most important factor, for we must have only those varieties which make a dense mat of foliage or have creeping or spreading growth. The woody vines, trailers and vines are best for our purpose, although a number of perennials of spreading habit are very good. Evergreens have the most attractive foliage for the [illegible] and as far as possible we should confine the majority of our plantings to them.

By hardiness under trying conditions we mean the cold, shade and drought resisting qualities of the plant, so in going through lists of plants suggested we will be wise if we choose those which are most often found growing in the crevices of rocky ledges or sandy banks, for such plants are undoubtedly equipped by Nature with roots able to cope with difficult situations.

The question of where to use ground covers is a complex one, for there are a great many places where they would serve to advantage in our landscape scheme. The appearance of raw earth is distasteful to many people and they strive to cover open spots with plants, sometimes thoroughly as possible.

We are all familiar with the need of a mulch of some sort in every garden. In our flower beds we usually employ a dust mulch which is created by cultivating after each watering or rainfall. These mulches keep the sun from robbing the soil of too much moisture. In shrub areas, however, it would be too large a task to maintain such a high degree of cultivation, and furthermore, many shallow rooted things dislike to have the soil stirred about.

Of course, as a shrub increases in size it merges with its neighbors, forming a thick mass which shades the ground and retards evaporation, but the front edge is always somewhat bare. Here is a place to use ground covers, particularly such things as Sweet Woodruff, *Nepeta mussini*, Shrubby Cinquefoil, Glossy Wintercreeper, Myrtle or English Ivy.

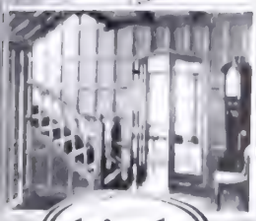
Ground covers are particularly valuable in the Rose garden where the ground between plants is particularly unsightly. Here shallow rooted annuals such as Portulaca, Sweet Alyssum, or even Heliotrope are of outstanding merit. Many of the choicest plants, among them the Rhododendron, Azalea and Laurel, require a mulch of some sort at all times and prefer a planted one to the sawdust variety.

Again, we are many times confronted upon to solve the problem of a steep ledge or sandy area in a landscape scheme where most shrubs or perennials will not grow but where ground covers of the Bearberry, Sedum or Sandmyrtle type will do well. Steep banks and terraces, where the maintenance of turf is difficult, are best treated with ground covers of the trailing sort. Among these the Japanese Honeysuckles, Ivies and varieties of *Euonymous radicans*, Nepeta and the creeping Phloxes may be mentioned.

The most important use of ground covers, however, is in those places where we would prefer to have smooth lawns, but where the conditions of shade and root competition are such that grass will not thrive. It is often pathetic to see the struggle which some home owners have in trying to make grass grow under a Maple or an Elm. Rather than struggle against Nature we should join hands with her and employ her methods of covering the ground under such conditions. Small vines, perennials and Ferns will grow and all feeling of bareness is banished. How much better than to dig up, re-seed, fertilize, water

(Continued on page 214)

Elusive Charm
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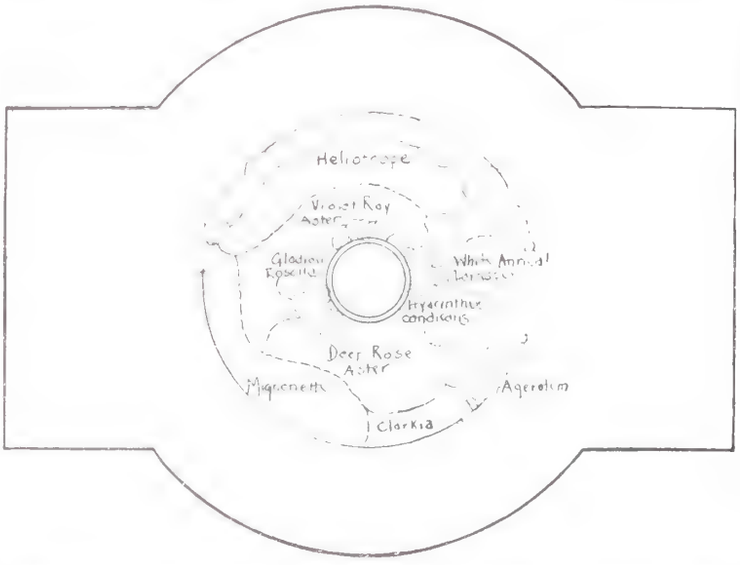
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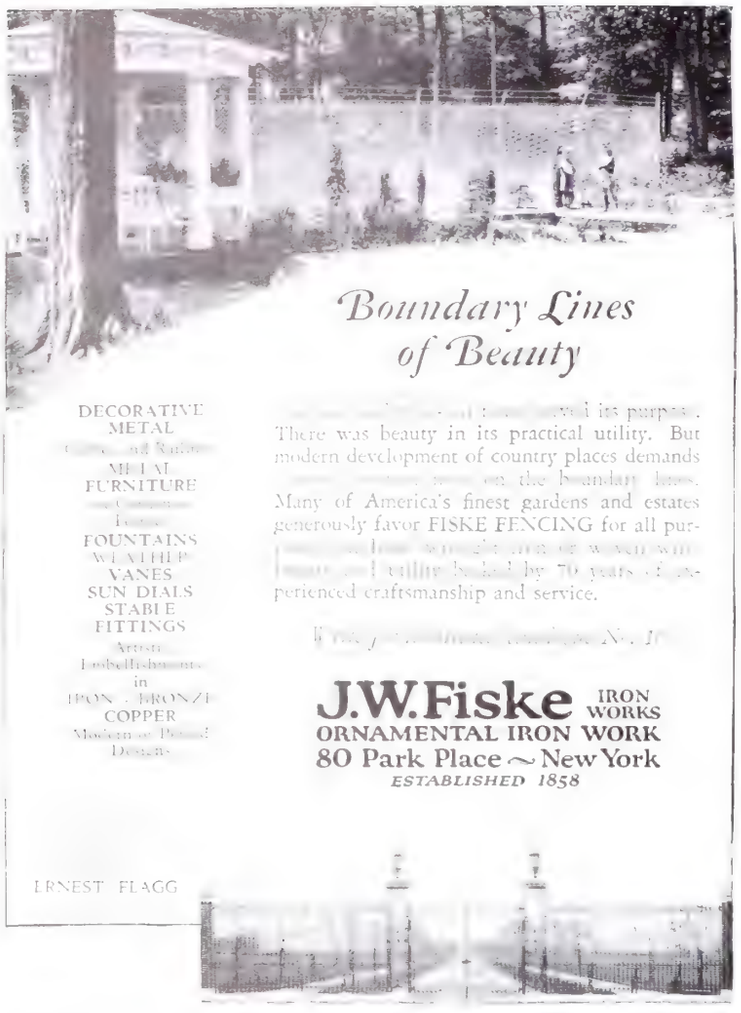
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With doors from the leagues Southern Colonies, from bustling little Old New York, from Quaker Philadelphia, or rigorous New England, Colonial doorways must always be associated with the sweep of humanity that has passed through them. Notables and citizens of our early Republic have unrolled their gleaming knockers, have lifted their firm latches and turned their solid knobs.

Such doorways from many of the thirteen colonies have been preserved by the Metropolitan Museum in permanent or temporary exhibitions. Doorways like those illustrated, are not only rich in historic associations—they are an artistic heritage of American industry and craftsmanship. In every detail they offer a wealth of suggestions for those who design homes in the American tradition.

The entrance doorway is from Bristol, Rhode Island, of the early 19th century. Here, the hardware consists of a welcoming brass handle with thumb latch, and (patriotic citizen!) a conventionalized American Eagle knocker to tell passers-by of a home-owner's pride in the new Nation. The Eagle won widespread popularity in the early eighteen hundreds . . . it blossomed as decoration on clocks and woodwork, turned up on porcelain ware sold to seafaring New...

Early American doorway with thumb latch, restrained and simple, is perfectly appropriate for many different Colonial doorways. The accompanying Sargent cylinder lock is of appropriate form. Ask for Sargent en...

Suggestion for a doorway of the... a favorite design in builders' hardware.

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century parlor "north of Boston." It is from the Eagle House, formerly Brown's Tavern, Haverhill, Massachusetts, erected in 1818. A colorful hunt rides from start to kill around the room on French wallpaper. The door is six-paneled and has a stalwart rim lock with brass knobs. In Early American interiors, rim locks, combining black iron with brass knobs, always appropriate. On doors of light co... they stand out particularly well. T... strength of their construction its... suggests sturdy Colonial character.

Hardware in this tradition is ma... factured for present-day builders ... Sargent. Hardware of solid brass a... solid bronze and of authentic Color... ... George an design. Some pieces ... reproductions of actual 18th centu... and 19th century originals found ... collections of Early American door ha... ware, and many are similar to the pie... in the Metropolitan's exhibitions. Co... plete ... of hardware for interior a... exterior use in twenty-seven Colon... designs are standard Sargent items.

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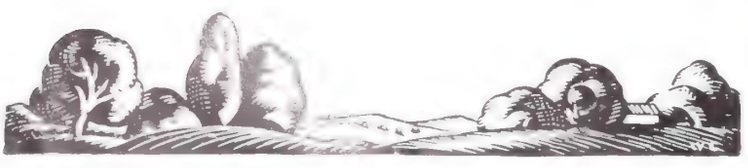
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OSHKOSH TRUNKS





Could a garden be complete without at least one of those golden fountains, Father Hugh's Rose?

IF I WERE TO MAKE A GARDE

(Continued from page 201)

[illegible] and Ink Berry (*Ilex glabra*), [illegible] would also have a place nearby. By planting the evergreens on the shady side of the house I would guard against the damaging effects of King Sol's strong rays in February and early March and I would enjoy color in season and restful green throughout the year. Beneath this planting there would be bulbs in variety. Color in spring, color in summer, color in autumn and color in winter would be my ambition.

A broad lawn leading toward the woodland would be delightful on its outskirts with Narcissus of every form, and nearer the house Crocus and Squills would be allowed to dot the [illegible] of the lawn. I hold with that greatest of living gardeners, William Robinson, that the lawn is the heart of the garden and the happiest thing [illegible] as an [illegible], and I believe that [illegible] should be in front of every home [illegible] piece of green grass, as spacious [illegible] means permit, well-mowed, well-rolled and kept free from worm and weed. Flowers may come and flowers may go but a well-kept lawn goes on forever. It refreshes the spirit through the eye, which never tires. It is most to be admired when it imperceptibly fades into the beyond where such ancient trees as the Oak, Elm, Hickory, Beech, Maple, White Pine and Hemlock spread themselves.

Flanking the lawn and swinging in a semi-circle about the house, shrubs would be planted, not mixed together as an impenetrable screen but individually so that each could show its charms to best advantage. Here would grow bright Goldenbell, fragra[illegible]

(Continued on page 210)



Very few gardens are able to boast such a naturalistic planting as this, but its effect may be translated on a smaller scale for the moderate-size place





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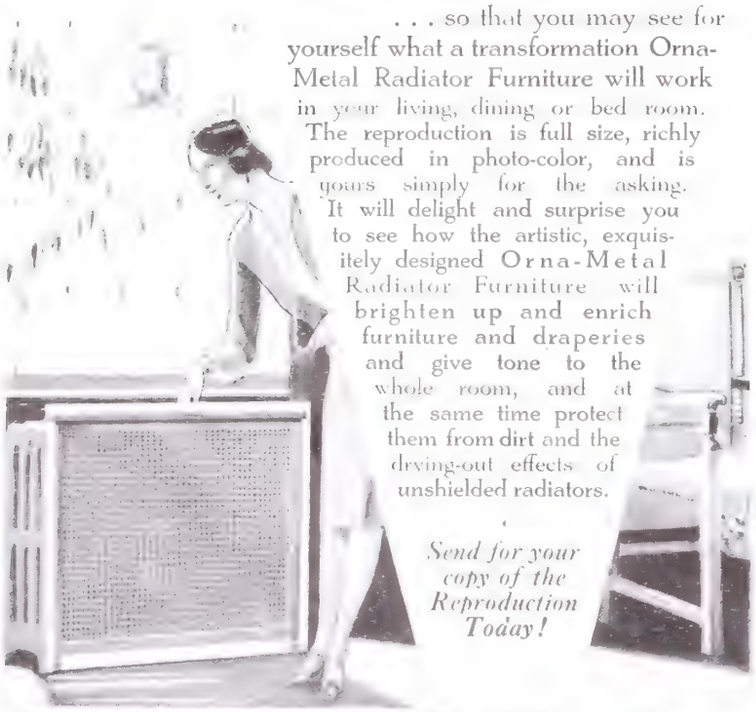
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AMERICAN WALNUT

THE GARAGE APPRO

(Continued from page 166)

traction. These stones also attach themselves to the soles of shoes, from thence to hardwood floors and fine rugs. This fault may be eliminated, however, when the drive has been well packed down by a year's usage, at which time the addition of a final covering of pea gravel will maintain the same interesting appearance and be quite free from adhesiveness. It is futile to put down pea gravel when the drive is new, for at that stage it will work down into the screening and become quite ineffectual. The gravel drive should have a 6 inch foundation of 3 inch crushed rocks overlaid with a little clay soil and then rolled into a solid bedding for the final layer of 1 inch crushed rock covered with fine screening.

FINE SCREENING

In still another way is it possible to retain the beauty without the destructiveness of the fine screening driveway: substitution of rough concrete for the [illegible] finish at the termination of its course provides a means of thoroughly cleaning the tires of gravel, and leaving a clean landing place.

Of hard surface materials macadam or asphalt are the least expensive, but th[illegible] are only practical for level grades. As asphalt softens readily in hot weather, and becomes extremely slippery in wet or frosty weather, it would be a grave error to use it for [illegible] with any degree of steepness what-so-ever.

The asphalt drive demands 5 or 6 inches of 3 inch crushed rock, which must be well rolled before the 2 inch coat of asphalt mixed with screening is added, after which it should be rolled again, then sanded. In its proper place the asphalt drive is a delight, as it may be swept and washed, will never permit weeds to grow, and will offer no adhesive materials to cling to tires and shoes.

The most serviceable hard surface drive for level or very slight grades is made of concrete composed of three parts gravel, two parts sand and one part cement, which, when rolled down to the finished level with a rough overbrushing or leveling, is probably the most substantial and cleanest driveway for private use, as it is harder and more durable than asphalt and, when properly laid, is not affected by heat or cold. The concrete drive should be made in forms not more than 10 feet in length, with intersections of tar paper a quarter of an inch thick, to prevent cracking from expansion in hot weather and shrinkage in cold weather. A cracked driveway may sometimes be repaired by filling in with hot tar on a dry day; if this recourse fails there is nothing left to do but take out the entire cracked section and refill with new cement.

Paving bricks, delightfully clean, but extremely expensive, are excellent for driveways to Spanish or Colonial style houses, but will be safe only on level ground.

The gravel drive is impractical for steep grades because it loosens and rolls down; macadam and paving brick are objectionable because of their dangerous slipperiness dur[illegible] weather. Of what then shall [illegible] rial be for the straight ste[illegible] Where space is too limited [illegible] the course in curves and th[illegible] duce the grades, rough con[illegible] ideal material with which [illegible] garage approach. Extreme[illegible] being the essential factor, th[illegible] tion of very wet concrete is [illegible] proportions of three of grav[illegible] sand and one of cement, afte[illegible] layer of 1 inch crushed rock [illegible] in roughly by hand so that f[illegible] third of the thickness remains [illegible] then a very liquid mixtur[illegible] of two parts sand and one pa[illegible] is poured over and brushed i[illegible] broom. Such a driveway w[illegible] safe no matter how ste[illegible] or how bad the weather.

To maintain an even edge b[illegible] on either side of the dra[illegible] necessary to border it either w[illegible] cedar wood strips, or, [illegible] little concrete walls. The l[illegible] pensive will be strips either o[illegible] cedar from a half an inch to i[illegible] in thickness and 6 to 8 [illegible] width, which, when bur[illegible] ground as a form for the dri[illegible] the lawn in a clean ha[illegible] enough, after the boards ha[illegible] away, to form a firm natural [illegible] Concrete borders should be [illegible] 4 or 5 inches in height, [illegible] top is sloped toward the lawn [illegible] degree angle and grown [illegible] lawn it will be quite invisible. [illegible] is no protecting wall the appr[illegible] the garage should be made as [illegible] possible, as the best drivers wi[illegible] sionally swerve from th[illegible] into the lawn.

PLANTING

Planting of shrubs or flow[illegible] ders along the driveway will en[illegible] entirely upon the layout of the g[illegible] and the amount of space [illegible] A very happy treatment of a [illegible] built against a side bank, or b[illegible] two banks, is to decorate it [illegible] cliff-type rock garden, which [illegible] not only be very charming in a[illegible] ance but also be a happy disp[illegible] of the hilliness, entailing mi[illegible] work in upkeep. If such a r[illegible] borders the inside of a plot [illegible] two short flights of steps of n[illegible] rock will give a convenient sh[illegible] to the main grounds, for in sma[illegible] with but a narrow strip of grou[illegible] one or two sides of the drive n[illegible] is more attractive or easier to [illegible] care of than a plain strip of [illegible] unbroken by plantings of any d[illegible] tion, while if the bordering st[illegible] also the boundary line between [illegible] lot and your neighbor's it ma[illegible] warranted, be planted in Laur[illegible] some similar evergreen shrubbe[illegible] serve as hedge and backgroun[illegible] perennial planting.

Driveways on large estates, [illegible] extend through rustic garden[illegible] wooded tracts are usually bor[illegible] with rough rocks in irregular pla[illegible] with an occasional large bo[illegible] looming up here and there to [illegible] the driver on the road.

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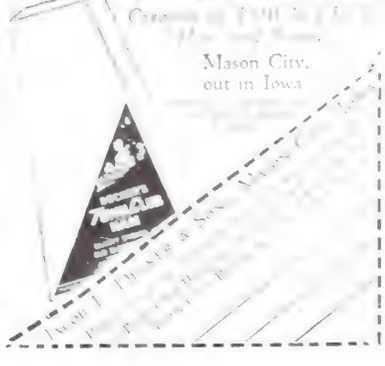
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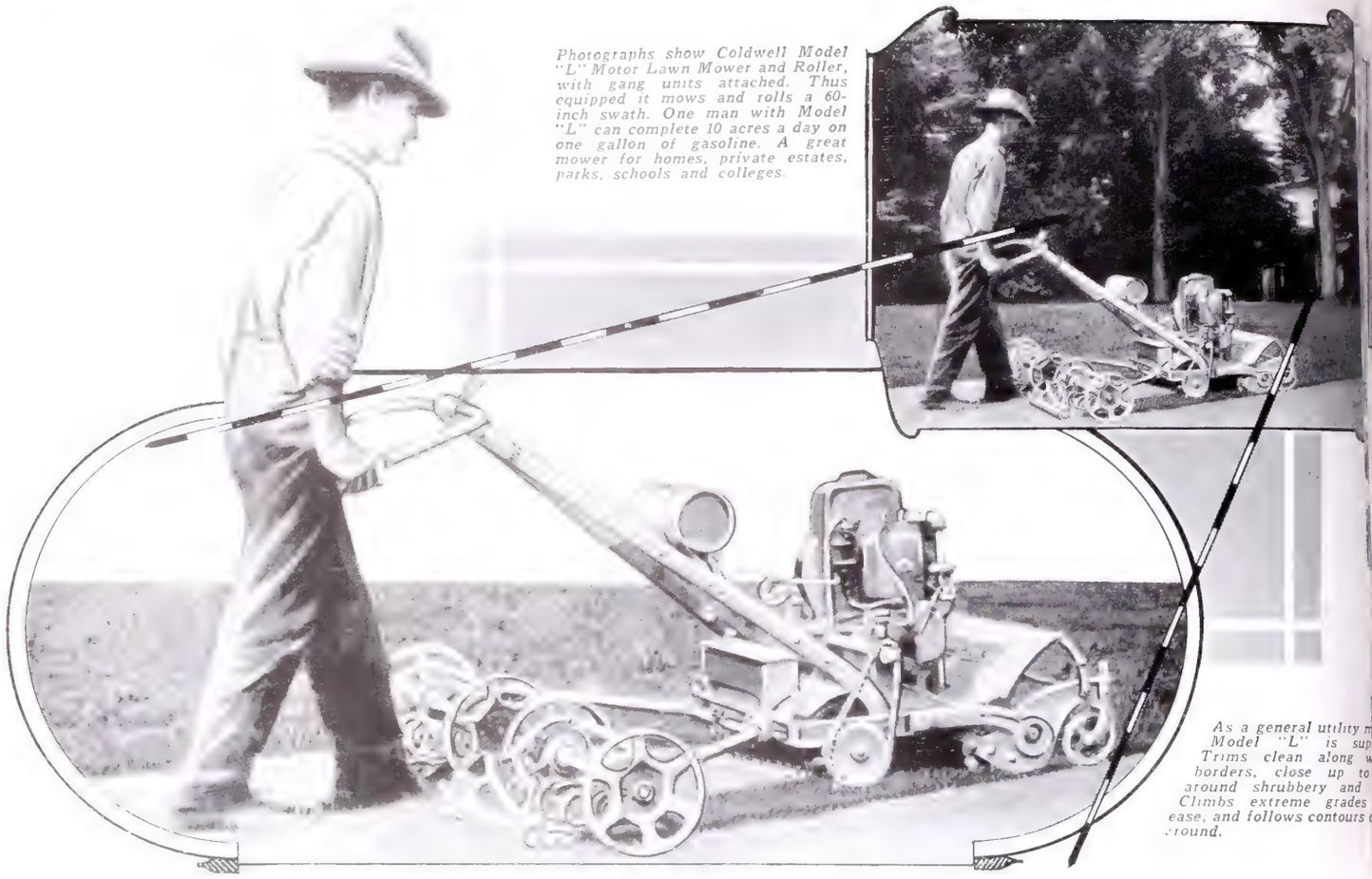
weigh between 14 and 16 pounds and are
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Photographs show Coldwell Model "L" Motor Lawn Mower and Roller, with gang units attached. Thus equipped it mows and rolls a 60-inch swath. One man with Model "L" can complete 10 acres a day on one gallon of gasoline. A great mower for homes, private estates, parks, schools and colleges.

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TIME-TESTED dependability has given Coldwell Lawn Mowers their unchallenged leadership. Countless home owners prefer Coldwell for just this quality. It means efficient, economical performance. It saves the delay and expense of time-out-for-repairs. It insures long, satisfactory service.

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A famous Coldwell greatly improved. Ligh ning. Easier to push E new features which mak most advanced type o mower on the market. Roller Bearings. Cutter tempered in oil. Built



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This remarkable book portrays the creations of noted landscape architects

o obscure the disturbing and
ly on your own or neighboring
operty, winter and summer, is
ie of the first considerations
hen originally planning a garden
developing one already started.
lection of appropriate plantings,
cked up by invisible fence pro-
ction, is one of the many factors
hich determine the attractive-
ss of your home surroundings.

Beauty in Gardens," a notable book
cently published by the Cyclone
nce Company, helps you
eet these problems through
xplanations and examples



from the work of America's leading landscape designers. It enables you to catch the spirit of each type of garden — open or enclosed, formal or intimate, broadly expansive or modest in scale — and shows how this spirit has been expressed in gardens of distinction.

This book, representing nearly a year's work, is a real contribution to garden planning. It is not primarily a book on fence; only one section deals with screening and fence protection. The text by Roger B. Whitman, formerly associate editor of Country Life — the beautiful illustrations of representative gardens — the artistic printing and binding by the house of William Edwin Rudge — every feature makes "Beauty in Gardens" a delightful book to own. 24 pages, 9½ by 12 inches. Send 25 cents for your copy.

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Enclosed is 25 cents for ... your book "Beauty ...

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Your very own Roses in 8 weeks!

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Our "Star Dozen" has been scientifically chosen, the twelve most-popular, best-liked, steady-blooming roses in America today—all colors. "Star Roses," full of vitality, grow easiest and best under average garden conditions; they are grown for you by master rose growers in sunny open fields. They're sturdy! The "Star Dozen" catalogs for $12.50. Ordered together, you pay only $10.50. You save the price of two rose bushes! Send today!

Ask for our 1928 "Star Guide to Good Roses," 100 pages, profusely illustrated in color. It pictures and describes hundreds of rose varieties, and will help you





tested and tried all trade-

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APRIL BRINGS SHOWERS

THE CONARD-PYLE CO.



IF I WERE TO MAKE A GAR

lavis), a Tulip tree for its no

the Yulan Magnolias in w

both for their beauty of b

would have the Rosebud C
weeping branches strung w
and its round-topped relati

is more delightful. Beyond
Cherry would rear its beauty
hedge necessary in the s
things it should be, if near
shut out buildings, of
Hemlock.

As I have said before the
of my lawn would be dren
bulbs, the Poet's Narcissus,
flowered Jonquils, and commo
down-dillies. Could it be ar
wall of stone or old brick w
ditch beneath would separa
from meadow and woodland.
this wall Aubrietia, prostrate
WallFlowers, Sun Roses, Sa
Sedums and, indeed, anyth
everything that could be en
to grow would find a home.
flowers' would be the cry, and
ever it is possible for them to
they would have their chance.

Ask a small boy what he th
garden was for and his answer
probably be Strawberries. And
will deny that Strawberries are

what vegetables are so fresh,
and so delicious as those cu
one's own patch? And so, my

this would be as large as circum
permitted. It would be open a
encumbered by trees of any
practical, a wall would surro
and on this wall would grow
trees of Apple, Pear, Peach an

(*Continued on page*

colors in the autumn. For this reason
bush Honeysuckles, Barberries and

gate. On fence, trellis and pillar Cle-
matis of varied colors and Roses in

yellow d. The modern Hybrid Tea and
the Hybrid Perpetual demand too
much to find a place, a prominent
place, in the garden I would build.
Old-fashioned Scotch Roses there
would ivy and fragrant Sweet Briar,
nor would certain simple Roses of the

(*Rosa setigera*) would have promi-
nence. Some of the bolder upthrust
rocks should remain unclad since they
add to the landscape. On others

red its descendants and Bittersweet

Is where *Cotoneaster horizontalis*
would be allowed to spread its flat-
branched, sail-like branches decked with
scarlet in the autumn and early winter.
In full sun beyond the lawn Heather
in white and purple would be planted
and encouraged to form pure swards.
In shady nooks Ferns in variety and
Lily-of-the-Valley would find a home.



HAVE you thought of a bird-bath or a sculptured urn to balance and accent a green terrace garden? Beautiful Graystone, the garden pottery of Weller Ware, will bring this emphasis, this added interest to your own garden. A bird-bath where the birds really revel—an urn of outpouring vines. The mellow gray contours of Graystone suggest pure pottery of the ancients, seemingly beyond price. Yet Graystone is reasonable. Reasonable, also, is Weller Ware in colors for inside your home—in art pottery and distinctive kitchen ware. Paula Morgan, authority on garden and home decoration, will give free advice regarding any decorative problem. Address Paula Morgan, care of The Weller Potteries, Zanesville, Ohio.

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The F. A. BARTLETT TREE EXPERT COMPANY

ALPINES IN THE ROCK GAR

(Continued from page 180)

Grounded. 4 inches. An intimate associate of the Alpine Golden-aster, with patches of characteristic blossoms in a deep orange yellow, intensified by the orange colored centers.

Silene acaulis. Cushion Campion. Forms dense close mats of stiff, moss-like leaves. The flowers, like pink or white stars, completely cover the clumps. A rare and lovely plant.

Trifolium dasyphyllum. Alpine Trefoil. 2-3 inches. A low Clover-like plant with numerous bicolored flower heads of pink and purple.

Eritrichium argenteum. Rock Forget-me-not. Makes dense mats resembling those of the Pygmy Phlox, but the numerous flowers are deep blue and shaped like those of the true Forget-me-nots, a close relation.

MOIST, SHELTERED LOCATION

Caltha rotundifolia. White Marsh-marigold. Grows in cold, moist situations at different altitudes, and varies in height accordingly. In the alpine zone the plant averages about 4 inches high. The white, sometimes pink, blossoms are larger than those of the lowland yellow-flowered species and exceedingly beautiful.

Claytonia megarhiza. Alpine Spring-beauty. 2-3 inches. Flowers like those of the Eastern species, but the leaves are much broader and thicker and make handsome clumps in sheltered pockets among the rocks.

Erythronium pavidiflorum. Avalanche Troutlily. 4-10 inches. Abundant locally in the sub-alpine zone, less frequent in the alpine. Flowers bright yellow, often four or five on a stem. Handsomest of the Troutlilies.

Kalmia microphylla. Prostrate Laurel. 4 inches. Alpine form of the swamp Laurel, *Kalmia polifolia*, with tiny evergreen leaves and pink laurel-like flowers in profusion.

Primula suffrutescens. Pygmy Primrose. 1-3 inches. The tiniest of the Primroses and a perfect gem. The crimson-purple flowers average one-half inch across. Leaves narrowing an inconspicuous tuft.

Ranunculus adonus. Ga... cup. Forms low clumps... foliage. Flower stems of... height: where plants are... snow they push up until they... surface. Blossoms Buttercup... unusual size and charm.

Saxifraga hirculus. Swamp... 4-8 inches. A lovely large... species with bright gold... blossoms, usually one, but... three or four on a stem. ... moist shaded pockets in ... garden.

Sedum polygamum. King... 2-8 inches. A striking plant ... bogs, with characteristic ... and leaves and dense ter... of dark purple flowers.

Sedum rhodanthum. (C... Pink Tops. 4-12 inches. ... cousin of the King's Crown ... ally its near neighbor. Th... heads are more open and ... color range of the florets f... at the base to the pink or w...

Tritolium parryi. Parry... 3-6 inches. Similar to *T. dasyphyllum* except the flowers, which ... rose or reddish purple, ... pink or cream on the ... standards.

Viola bellidifolia. Ax... 2-3 inches. The low tufted clu... crowned with long-spurred ... purple blossoms in great p... Grows in company with ... Springbeauty among boulders.

As many of the Alpines ... tap-roots that make it difficult ... collected plants, it is much ... raise such kinds from seed.

NOTE: *This is the second ... of reports from House & ... Plant-Stalking Expedition. ... to those in subsequent issues. ... desiring to learn the source ... may address The Garden ... House & Garden, Graybar ... East Lexington Ave., New ...*

IF I WERE TO MAKE A GARDE...

(Continued from page 210)

have its proper place and so should every vegetable which the skill of the gardener has made available. But somewhere in this garden there would be a good space set aside where flowers for cutting would be planted in abundance. Hardy annuals of all sorts would have their place, with Gladiolus, Gypsophila, Cosmos and Sweet Peas. In planting this area for cutting the effort would be to supply the house with all its needs from early summer until late fall. This walled garden would be hidden from the house by Conifers and approached by a curving path. I dislike gravel to walk upon and wherever possible none but grass paths would prevail.

My woods would be so thinned that trunks of Birch and Pine, Hickory and Maple could be seen to ... vantage, and in this wood Flo... Dogwood, with Mountain ... (*Kalmia latifolia*) and *Rhod... maximum* would be grouped ... clumps. A moist place would ... modite *Magnolia glauca* ... flowers and Ferns would have f...

In some corner of my ... would want seclusion, some q... treat where I could retire a... apart from the world and beyo... reach of every visitor, a sort o... tum sanctorum where only ... and self had free access. A ... can be anything we like to make ... I would strive to have it filled ... all that is best in herb and vine ... and tree. Ah me, what fun ther... planning a garden!



Fog

Nature's Best Receipt for Perfect Lawns & Beautiful Gardens

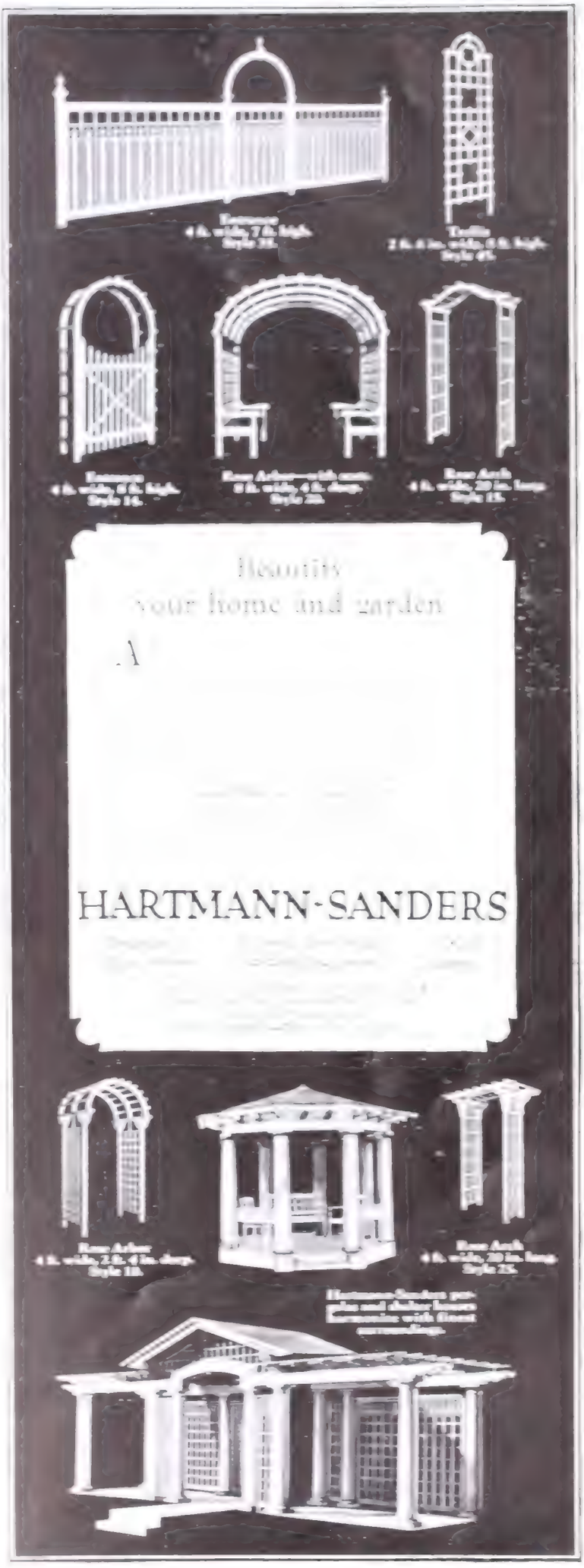
E

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your home and garden

A

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HUGH B. BARCLAY

PLANT SPECIALIST

1300 Montgomery Ave., Narberth, Pa.

COVERS FOR MANY CONDITI

(Continued from page 196)

and try to bring up each blade of [illegible] through constant personal supervision, only to have it soon wither away and die.

As a guide in the selection of ground covers the following brief list is offered. It does not pretend to be complete but attempts to give suggestions which will prove most satisfactory under a variety of conditions frequently met with.

SILVER-EDGE GOUTWEED (*Aegopodium podagraria variegatum*)—An herbaceous perennial whose creeping rootstock makes a rapid and attractive mat of white margined foliage. It endures partial shade and grows six inches tall.

GENEVA BUGLE (*Ajuga genevensis*)—A perennial which grows from six to twelve inches high and has masses of clear blue flowers in June. It is especially adaptable to areas under trees.

CARPET BUGLE (*Ajuga reptans*)—A [illegible] only more compact. Has purplish blue flowers in May and June.

[illegible]—An evergreen trailer with fine [illegible] Especially useful in clothing sandy slopes. While native it [illegible] and pot. Grown plants are best.

[illegible] A white spring flower [illegible] compact leafy form which makes dense [illegible]

[illegible] The general growth is [illegible] and has [illegible] Pale white or pink flowers appear in June. Ex[illegible]

[illegible] BITTERSWEET (*Celastrus scandens*)—A vine which has coarse, [illegible] red [illegible] berries in the fall. It is, however, dioecious and both sexes are needed to [illegible] Fruits. Spreads rapidly by root [illegible]

LILY-OF-THE-VALLEY (*Convallaria majalis*)—An herbaceous perennial [illegible] and fragrant flowers in spring. It makes dense beds rapidly, and in some instances it is well to have it interplanted with Ferns or Pachysandra, for the foliage is liable to become rather worn before the season is over. It thrives in semi-shade.

[illegible]—An herbaceous perennial growing about eight inches high with handsome [illegible] spreads rapidly by creeping rootstocks. The white flowers are followed by bright red fruit. It will thrive in half-shade.

RUSSIAN CYPRESS (*Cupressus [illegible]*)—A low shrub, almost trailing in habit. It has fan-shaped [illegible] covered with dark green leaves, pink blossoms and bright red fruit in fall. For rock work and the cov terraces and slopes. Pot gro should be used. It ordinarily be about twelve inches tall.

ROSE DAPHNE (*Daphne cn*) An excellent low evergr procumbent or trailing in h growing about twelve inche It has neat, dark green gloss and many terminal heads of pink flowers. A good grou for intimate or refined a cially in rock and evergre

SHARPLEAF WINTERCREEPE (*Euonymus radicans acuta*)—S evergreen shrub. It is a stu as well as rapid and has a habit so that it is excellent ing on banks and terraces.

GLOSSY WINTERCREEPER (*E radicans [illegible]*)—Half half vine, very similar in the shrub mentioned above broader leaves and no berries.

BABY WINTERCREEPER (*E coloratus humilis*)—The family for ground cover a small leaves and forms A semi-vine which will height of two feet. It is e valuable in place of grass und

ENGLISH IVY (*Hedera*) common to need description. G evergreen cover under the foreground of shrubs.

EVERGREEN CANDYTUFT (*I pervirens*)—Another common p nial for ground cover amon somewhat shrubby form, good and beautiful white flowers a delightful cover plant.

ALLEGHENY SANDMYRTLE (*L buxifolium prostratum*)—evergreen shrub with fine, dee Leaves and thickly branch forms dense, depressed tufts. Do in semi-shade and sandy soil.

HALL JAPANESE HONEY (*Lonicera japonica halliana*)—miliar plant which is a good cover for banks and terra liable to become too lush unl trained. Var. *henryi* is and red everblooming, very sim character to *halliana*.

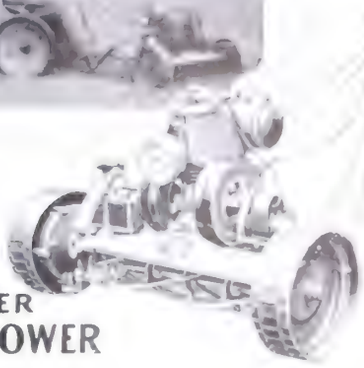
COMMON MATRIMONY VINE (*halimifolium*)—A low vine-like which is evergreen south of York. It has purplish blossom lowed by orange-red fruits. It branches are slender and recu For banks and terraces.

MONEYWORT (*Lysimachia laria*)—A semi-evergreen co whose light green foliage and yellow flowers make pleasing a under trees, or on steep slopes.

CREEPING HOLLYGRAPE (*M pens*)—An evergreen creeping

(Continued on page 2





ACRE
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POWER
LAWN MOWER

MOWING a lawn is quicker, easier and more economical with a Jacobsen Power Mower, with or without Roller Gang, depending on the kind of lawn you have. Thousands of successful professional lawn keepers know means lawn health and beauty. Many users of successful professional lawn keepers have found that a Jacobsen Power Mower pays for itself. Jacobsen Power Mowers are used from coast to coast and in export countries.

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in a hand mower. There is self-sharpening device, and ery detail of the mower re- Jacobsen engineers and experience.

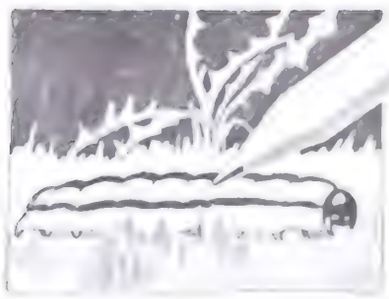
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1 lb. each of all 6 varieties, 6 lbs. in all	2.75
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MAX SCHLING SEEDSMEN Inc

COVERS FOR MANY CONDITI

(Continued from page 214)

... a forerunner to the more common ... Hollygrape (*M. aquifolium*) ... It spreads rapidly ... for covering rocky ... shade.

... BERRY (*Mitchella repens*) — ... evergreen trailer ... to the woodland areas of ... It forms dense mats of ... with white flowers ... followed by ... in autumn.

... Forget-Me-Not (*Myosotis ...*) — A common perennial ... spread ground cover for ... or Rose gardens. It ... any ... place other ... sun or partial shade.

... Ivy (*Nepeta faassenii*) — A ... perennial creeper which ... dense mats of foliage covered with ... flowers. It thrives in any ... ground and in shade and is ... for covering ... shrubs or in ... Vinca ... is better ... but ... ivy ... white ... to its leaves.

... Aster (*Aster ...*) — The ... grows to delight of ... inches but ... ground cover for ... ... Flowers ... Good for cut ...

... SPURGE (*Euphorbia ...*) — A common ground cover ... white spreading evergreen ... a more ... ... Prefers ... Protect plants ... from ...

... Periwinkle (*Vinca ...*) — A ... which ... steep banks. Its light blue flowers in ... Vinca ... cover for ... soil, in natural ... Two ... Pkt. ...

... Pansy (*Viola ...*) — Too common a perennial especially to need ... description. It is a good ... for steeps, rocky banks and ...

SHRUBBY CINQUEFOIL (*Potentilla ...*) — A low-growing ... with handsome compound ... bright yellow flowers in ... July. Suited to lime soils.

WHORLEAN ROSE (*Memorose ...*) — Another ... like shrub which is best ... covering of rough slopes.

RUNNING STONECROP (*Sedum ...*) — A creeping ... pink or white flowers in ... Var. ... is a ... variety.

CANADA YEW (*Taxus ...*) — An ... rarely more than ... with a spreading ... will thrive even in deep ... makes a good cover under ...

MOTHER-OF-THYME (*Thymus ...*) — A perennial ... inches high covered in June with heads of what ... Woody ... similar in habit but his ... flower.

ROCK SPEEDWELL (*Veronica ...*) — A nearly evergreen ... which forms solid mossy ... foliage and has light blue ... flowers in the early spring, ... either in sun or ...

COMMON PERIWINKLE (*Vinca ...*) — A widely known evergreen ... An excellent ground cover ... terraces or places, as ... and under trees, as well ... planted among shrubs.

... PANSY (*Viola ...*) — ... other common perennial ... used to advantage as a cover ... carpets or for small ... the Azalea type. There are ... other Violas such as the ... Violet which may also be ...

HOUSE & GARDEN'S BOOKSHE

... Be Done? H. W. ... on. Boston: The Stratford Company.

SCARCELY any thinking person could fail to be drawn by the person ... of him who has done more than anyone else in modern times to enrich gardens. And now that he has entered upon a period of comparative repose, as the keeper of what he has so greatly helped to make the World's Greatest Garden, of extraordinary interest is this work that gives a general survey and resumé of his travels.

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The reader is taken along ... were, by an indefatigable and ... genial and sympathetic guide, ... distant places that ... beaten tracks and ... all the continents. He has poi ... for him not only the peculia ... vegetative but of geological s ... also, the weather aspects ... that relate to the life of the nati ... imals and people. There is real ... faction in learning just wher ... how were discovered such flora ...

(Continued on page 2 ...)



Nobody Likes Dust

RIDING, driving, flying, walking and playing are all made unpleasant by dust. And quite unnecessarily, too.

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A hedge that will improve the appearance of your property and protect your flowers too. Such a fence is the Anchor.

Note its attractive design—its fine lines, graceful square terminal posts and artistic *electrically-welded* gate. The Anchor Fence befits the most beautiful of grounds.

Everlasting service is an Anchor feature, too. Heavily galvanized, made of chain-link steel wire, and equipped with the strongest posts and gates built, the Anchor Fence is substantial and enduring throughout.

The coupon below is for your convenience. Mailing it will bring you complete information on Anchor Lawn Fences or any other type of Anchor Fence in which you may be interested.

Anchor Sales and Erecting Service is Nation-wide—local representatives in over 75 cities.

ANCHOR POST FENCE CO., Eastern Ave. and 35th St., Baltimore, Md.

[illegible]

ANCHOR *Fences*

"BUY THE FENCE WITH THE STRONGEST POSTS"

ANCHOR POST FENCE CO., Eastern Ave., 35th St., Baltimore, Md.

Please send me free literature on (check in squares):— ☐ Chain Link Lawn Fences. ☐ High Fences for Estates. ☐ Iron Railings. ☐ Tennis Fences. ☐ Poultry Fences. ☐ Kennel Fences.

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METTOWEE STONE

PATHWAYS

like magic, provide that elusive charm so eagerly sought by lovers of Garden Beauty.

Mellow, good natured color tones in random sized slabs contribute an atmosphere of character and Romance—a really remarkable transformation.

Send for our illustrated literature, especially pamphlet "B"—also ask for the name of our nearest dealer.

VENDOR SLATE CO. INC.
EASTON · PENNSYLVANIA

A GARDENER'S MISCELL

(Continued from page 186)

an easily grown hardy perennial, blooming in June and onwards for some weeks, and frequently again in the autumn. Margaret Armstrong, in her delightful book, *Western Wild Flowers*, describes two other western Valerians that sound very alluring: *V. sitchensis*, growing two or three feet tall with very fragrant flat flower heads, pale pink in color; and *V. arizonica*, growing from three to nine inches tall, with mauve-pink blossoms in close clusters, very sweetly scented. This grows naturally in rocky places, somewhat moist.

ANNUAL FOR PERENNIAL BORDERS—To keep a succession of bloom in the hardy borders throughout the summer it is necessary to use a good many annuals. These should not be of a weak-kneed type nor of a kind whose blossoms are soon past, but rather sturdy plants that fill their places with some effect of permanence and which have a long period of flowering. Among these are Snapdragons, Marigolds, tall and dwarf, Zinnias, that come now in charming shades, Calendulas, California Poppies, Sweet Alyssum, China Asters, [illegible], Nasturtiums, Ageratum, [illegible], *Dimorphotheca aurantiaca*, Annual Wallflower (Parr's Extra Early), deliciously sweet, *Erysimum pulchellum*, bright orange color and sweetly scented; Cosmos, Helichrysum (everlasting, that comes in charming colors), *Lavatera trimestris*, Ten-weeks Stocks, *Convolvulus minor*, Chinese and Japanese Pinks, Verbenas and Petunias.

A TALE WITH ROCK PLANTS—If I were starting in to build a very small rock garden, say one constructed of seven or nine good sized stones and a few smaller ones, so arranged as to form a little slope in a sunny location, and wanted twenty-four plants with which to stock it, the following would be my choice:

[illegible] *saxifraga*, *Saxifraga* [illegible], *Saxifraga crassifolia* (for the coolest side), *Campanula muralis*, *Campanula garganica* (for the cooler exposures), *Sedum dasyphyllum*, *Sedum sieboldi*, *Tunica saxifraga*, *Linum alpinum*, *Papaver alpinum*, *Dianthus deltoides*, *Dianthas arenarius*, *Arenaria monta* over a stone), *Aquilegia* *Phlox subulata* Vivid (to tr stone), *Iris pumila coer gracilis*, *Hypericum reptan* over the lowest stones), *Sile* *Draba azoides*, *Sempervivum* *deum*, *Alyssum montanum* *serpyllum album* (to trail ov er stones), *Geranium lan* *Primula auricula*.

To these I should add t shrubs: a small specimen of *M goriana*, or *Picea glauca* crown the little slope, an of *Erica carnea*, the pretty l which always blooms in M sometimes in December. T the following list of bulbs a little rock garden in bl about ten months of the *Tulipa dasystemon*, a *T.* *Crocus sieberi*, a *Crocus* each of the two fall bloomin *C. zonatus* and *C. speciosus*, *thus asaureus*. Snowdrops an Aconites could be added if corner may be contrived w leaf-moldy soil. The other pl gested will all grow in a lig drained mixture of loam, leaf mold.

None of the plants of this a rampageous or grasping they are all choice but wholly

LIE-A-BED—If your Plumbago (*Ceratostigma* *noides*) fail to put in an app be not disturbed. They are la and may keep you waiting un But then, of course, they go to bed and give us a grat late in the fall. No such ex gray-leaved Corfu Lily (*Fun* *boldi*), which is of the same habit and in consequence is fr dug up as being of no furt and thrown upon the rubbish Other sleepy-heads are the Blu (*Caryopteris mastacanthus*), Ageratum (*Eupatorium coeles* False Indigo (*Baptisia australi* *Salvia azurea*.

NOTE—*Whenever possible* *tolensa plants mentioned in* may be obtained will be furn to copy and enclose address Bulbs in care of House &

HOUSE & GARDEN'S BOOKSHE

(Continued from page 216)

as the Regal Lily and its preciousness is enhanced by our knowing at what tremendous cost in risk and hardship.

But in all these wild regions of the earth the trip is made delightful for the reader by skill in the use of words fortunately adequate for the author's keen powers of perception and appreciation. He tells graphically how among the overpowering unscaled peaks of that remote hinterland which separates western China from the Thibetan Plateau "from sun-kissed snows of dazzling whiteness, treacherous glaciers and hummocked moraines, downward stretch green grassy areas decked with a million flowers of every hue." The lover of the choice a refined also finds information a pert advice concerning the most things that have resulted from ries of cultivation in the hands flower-loving Japanese: the Cl and the Kurume Azaleas.

F. B.

THE GEOGRAPHY OF AMERICAN [illegible] TIQUES. By Lurelle Van Arsdale Garden City, N. Y.: Doubleday, and Company.

MR. GUILD'S courage is did, when you consider th of data readily available for lo

(Continued on page 222)



Beautiful Lawns With Less Labor and Expense

F

Rolling Lawns Means Dead Lawns

Uneven Mowing Ruins Small Lawns

Ideal Power Lawn Mower Co.
103 Kalamazoo St. Lansing, Mich.

IDEAL
POWER MOWERS



Planet Jr.



You owe yourself a Planet Jr.

Take this Planet Jr. No. 17 Single Wheel Hoe — a general favorite. Lightly balanced, running with a minimum of effort

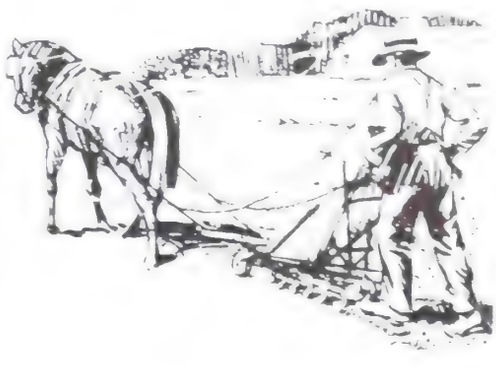
muscles.

It

all the tillage work in even the largest home garden. It does away with the back breaking drudgery of the old hand hoe. Does a better job, too — closer, cleaner and deeper. The first cost is practically the last, too. Built sturdily of forged steel. Even the attachments are finely tempered.

Send for the latest Planet Jr. catalog and read all about this fine tool. Also shown in our interesting garden booklet "Home Gardens — How to Grow What You Eat". Both mailed on request.

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9th & Glenwood Ave. Philadelphia



PLANET JR. No.

small fruit, etc. In

used this is the favorite implement for fine, thorough cultivation.



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—is flush with the sod

FULL, VELVETY, rich green lawns may be yours throughout the entire season . . . with Spralawn* Sprinkling.

For Spralawn* delivers life-giving rain-mist through underground piping and sod level nozzles. There is spray only where and when you want it to insure beautiful lawns and lush foliage.

Grass may be mowed and rolled without hindrance. Children may romp and play safely for there are no obstructions to trip little feet. Walks, drives and building sides are kept dry by special spray-directing nozzles. Automatic drains eliminate frost danger.

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A Twist of the Wrist Guides it

Grass Cutting a Pleasure

Grass cutting will be a pleasure this season if you use Moto-Mower. It gives utmost satisfaction, both as to performance and the quality of its work. Trouble-free and dependable under all operating conditions. Hundreds of owners write praising Moto-Mower. Return the coupon for our new catalog.

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Please send catalog to:
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Something *new* for every lawn!

Lawncomb

IT'S so easy to have a smooth, well-groomed lawn with a LAWNCOMB. The LAWNCOMB has a steel frame. The flat curved tines are of guaranteed spring steel and will not break or bend; yet they exert enough pressure to clean the lawn without injuring even the tenderest grass. The average steel rake no matter how lightly used digs into the grass, loosens the roots and soon kills the new shoots. The LAWNCOMB is so serviceable—so inexpensive that no home should be without one.

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$1.25

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NEW Ideal "Hotcoil" Gas Water Heater

With Beautiful Porcelain Enamel Top and Base – This is the Lowest Priced Completely Equipped Automatic Storage Heater on the Market

THE new Ideal "Hotcoil" Gas Water Heater unites the advantages of all other types of water heaters.

It gives you abundant hot water supply, day or night, on the turn of a faucet, and operates with the highest degree of economy attainable for practical service. The Heater is completely equipped with automatic regulation and all accessories.

And it is as beautiful as it is efficient. Top and base are finished in deep green porcelain enamel—the jacket in French pearl grey baked enamel. The beauty of the Heater is virtually everlasting.

Here is the lowest priced, completely equipped automatic storage heater on the market—a revelation of what sincere, relentless, scientific investigation can accomplish. With this most attractive Water Heater, and the beautiful new Ideal Red Jacket Boiler, thousands of home owners are transforming their cellars into useful, livable places.



Note these 12 important features

1. Bunsen type gas burner with self pilot.
2. Large bore, heavy gauge, one-piece copper coil heating element, insuring immediate hot water recovery.
3. Conveniently located brass drain cock.
4. Substantial heavy gauge tank, galvanized inside and outside.
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6. Special brass hot water flow fitting
7. Porcelain enamel Back Draft Diverter Hood
8. Non-syphon acting cold water intake, with outflow over thermostat, insuring instantaneous and efficient action.
9. Central water-surrounded flue containing copper coil heating element.
10. New Arco needle bellows, quick-acting automatic regulator.
11. Main Gas Supply Control Valve.
12. Substantial base and legs with porcelain enamel finish.

Samples and demonstrational aid free to [illegible]

"SHORT SPECIFICATIONS" for The Ideal "Hotcoil" Gas Water Heater

Designed to combine [illegible] with automatic [illegible] giving [illegible] hot water supply at lowest [illegible] cost.

1. One-piece, jointless copper coil heating element
2. New Arco Metal Bellows Regulator
3. Porcelain enamel top and base
4. Brass fittings

Convenient payments [illegible] if desired arranged.

Sizes [illegible] 30-40 Gallons

$55 *and up according to size Plus installation*

FOR BUILDING [illegible]

★ [illegible]



MAIL THIS COUPON TO NEAREST BRANCH OFFICE

AMERICAN RADIATOR COMPANY

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Bru-CELL-ized flooring is insect proof. It is easier to lay, scrape and sand. It is moisture-proof and will not change in size; is more durable, and takes a superior finish.





Any home, old and new, may have fine plank floors —expensive methods of laying now unnecessary.

A Plank floor

true Colonial—in all but cost

SOLID OAK PLANKS—the incomparable floors of Colonial days, distinctly American, and different. These beautifully grained wide and narrow boards, laid at random, are now within the reach of everyone.

No longer do wide boards need to be laminated or veneered to keep them from shrinking or swelling—a costly process that has made plank floors too expensive. Nor are extra precautions in laying necessary to keep them true and level.

Bru-CELL-izing solves the plank floor problem. This remarkable process, perfected in the Bruce laboratories, completely protects the wood from the effects of atmospheric moisture. Bru-CELL-izing makes possible the satisfactory use of solid oak planks.

All who want the unusual in floors, may now have Colonial plank floors at an expense no greater than that of many perishable and temporary floor coverings. Write us today.

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Largest manufacturers of oak flooring in the world



Write for this illustrated booklet. It is free. Essential features of true Colonial atmosphere are indicated, with authentic historical background—how to have distinctive rooms at low cost.

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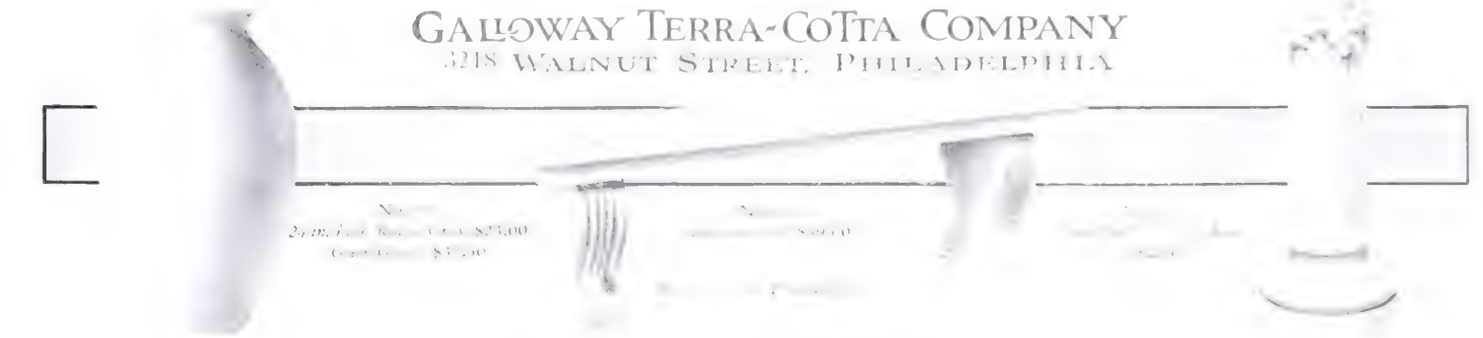
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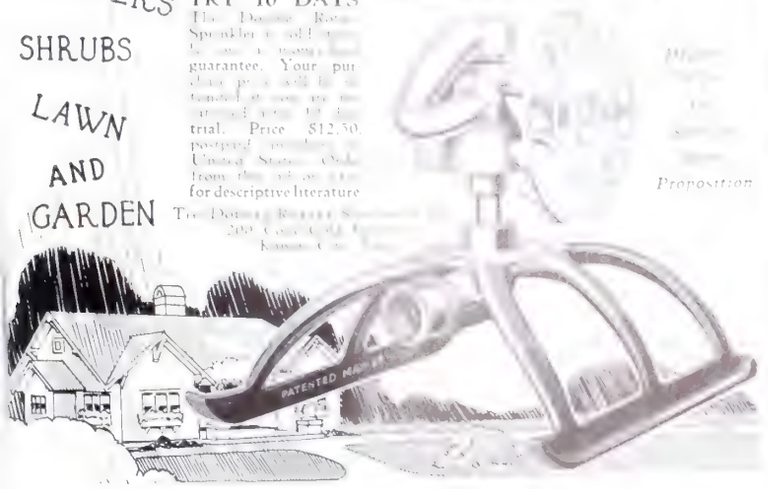


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DOUBLE ROTARY SPRINKLER
Next Best to Rain

TRY 10 DAYS



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POWER LAWN MOWER

Makes grass cutting a pleasure—A 12 year old boy can do a perfect job. Capacity 4 to 6 acres per day. Cuts closely around trees, shrubbery and flower beds—No hand trimming required—Write for our illustrated catalog.



This is the best power mower I have had and this is the

MILBRADT MANUFACTURING CO.
2424 N. Tenth St. St. Louis, Mo.

Marvelous New WISS HEDGE SHEARS



Take the ACHE out of hedge cutting

HERE is a pair of hedge shears that will cut faster, with less effort than any other hedge shear ever made.

If you have ever had ten minutes' experience with the old type of hedge shears you know that their spasmodic "chop" "chop" gives your arms a terrible shock every time you jerk the handles together.

The new Wiss Hedge Shears end all that. The blades cut with little effort on your part — a steady, deliberate cutting movement that conserves your strength and ends nerve strain.

There are no slipping twigs — no branches that "push out" or catch in blades. The serrated or saw tooth lower blade holds twigs and branches, while the knife edge of the upper blade cuts them clean. Think what it means to you, to work with shears that are *sure cutters*.

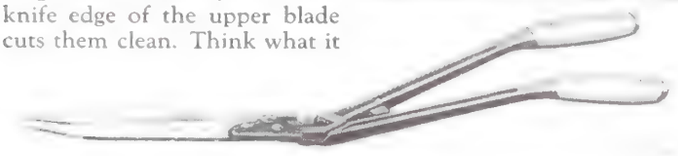
Moreover, the sharpening problem is solved. You can keep the blade in perfect form as easily as your knife.

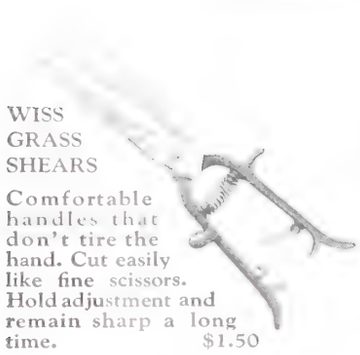
Extra strong forged steel handles give *perfect balance*. Most of the weight lies close to your body instead of out on the blades. Finely turned handles that fit your grip. Strength at the bolt that has never been equalled. No fear of strain.

You know what the Wiss name means. Wiss recommends these new Hedge Shears to you with the greatest pride. You'll be glad to boast of them to your friends.

On sale wherever garden cutlery is sold, $2.50 to $3.25.

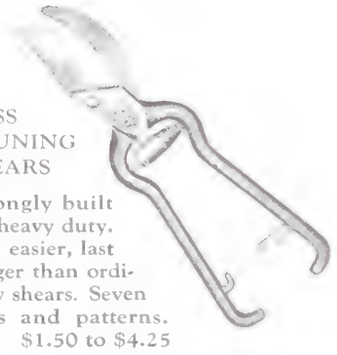
Slightly higher west of the Rocky Mountains.





WISS GRASS SHEARS

Comfortable handles that don't tire the hand. Cut easily like fine scissors. Hold adjustment and remain sharp a long time. $1.50



WISS PRUNING SHEARS

Strongly built for heavy duty. Cut easier, last longer than ordinary shears. Seven sizes and patterns. $1.50 to $4.25

J. WISS & SONS CO. NEWARK, N. J.

HOUSE & GARDEN'S BOOKSHELF

(Continued from page 218)

Antiques are antiques geographically. Rabelais's writers generally considered the canons who discarded them as old fashioned, and those who treasured them did so in private, in fact in such secluded privacy that unless it may be obtained from personal friends this data is usually inaccessible.

Do not be frightened at the foreword: "An exhaustive study of the great social and political forces which deeply affect a nation must be made before one can really attempt to understand the changes which take place in the furniture of that nation;"—is enough to scare anybody not a born student. We have long desired to hold these views ourselves, but when we have tried to apply them to the turn of a table leg that unaccountable thing called fashion, which often seems mere whim, flicks us with a tasting fan and we capitulate and leave deep ponderings to follow where Dame Fashion leads.

A review of the chapter headings shows that though sentiment has sometimes swung more freely than fact, the idea gives an accent to certain facts which may aid the beginner in locating various styles and pieces. For the first six chapters the scheme works out fairly well: "I. Massachusetts—Pilgrim Furniture," "IV. Pennsylvania—Style and His Contemporaries," but it breaks down completely with "VIII. Georgia—Mirrors." We hate to be betrayed. The copious illustrations, entirely by hand, are valuable and the map delightful.

G. G. G.

French Provincial Furniture. By Henri Longnon and Frances Wilson Huard. Philadelphia: J. B. Lippincott Company.

A MUCH needed and welcome book, assembling scattered facts and presenting them pleasantly and in a clear fashion.

The usage of the French provinces prior to the Revolution is particularly acceptable and helpful in following the chapters which take up the furniture of the provinces geographically. "In order to limit our undertaking to a single volume", say the authors, "it has been necessary for us to adopt primarily a purely geographical plan: commencing with the northern provinces and gradually working southward, embracing, as we went along, each region according to its similarity of race and custom or to its geographical affinity. Secondly, to limit ourselves to those provinces whose *mobilier* was most distinctly characteristic, and in describing this furniture to mention particularly those details which are inherent to each province."

Just as in the period styles emanating from Paris, *le style Louis XIV* is the first really national style, so the year 1643 marks the date from which anything may be said about Parisian influence on their provincial work.

French "bourgeois furniture had a distinctly Dutch tendency, from which finally emerged the French Renaissance style,"—veneer, marquetry, mosaic, and *appliqué* carving disappeared with the Louis XIV period and furniture was now produced from good solid wood sprung from native soil—oak, walnut, beech, and fruit woods.' But it was not until the 18th Century—"known in France as *Le Siècle de Louis XV*, that furniture adapted to the needs of family life blossomed forth and penetrated even to the depths at the provinces." Then appeared the charming French commode and its variants, all sorts of little pieces with drawers—chiffoniers, secretaries, tiny tables, etc.; "simple furniture began to develop along the lines of local and regional customs." The classic style of Louis XVI was purely Parisian and it was practically unknown in Alsace, Provence, and Normandy.

Summing up this regional furniture in a paragraph: "We find it graceful, delicate, and florid in Lorraine and Franche Comté, and most especially so in Normandy and Provence. It is simple and sober in Poitou, Saintonge, Picardy, and Champagne; in Burgundy and the Lyonnais it assumes the amplitude that borders on nobility. In Auvergne, Savoie and Gascony (all mountainous regions), in Brittany and the *pays Basque*, which borders on the sea, it remains primitive and plain. In every detail it seems to reflect the characteristics of the climate, which in its turn has come to influence the people who create and produce it."

Though books of designs from Paris furnished the provincial cabinetmaker with designs in the current fashions, he merely appropriated fashionable ornament to the curvilinear models which remained in favor until the end of the 19th Century.

While there is perhaps more similarity than difference between the furniture from different provinces, still certain native traits are distinguishable "in the twinkling of an eye." While these points are made quite clear, the more subtle differences are noted in some detail, so that a fairly comprehensive knowledge of the whole subject may be gleaned from this timely work. It will end much confusion which prevails even among those who are perfectly familiar with the French period styles. For Americans, it has the same charm that we enjoy in tracing our own provincial pieces to their native States and communities. A delightful and profitable book.

G. G. G.

Antiques and Their History. New York: Written and Distributed by L. J. Buckley.

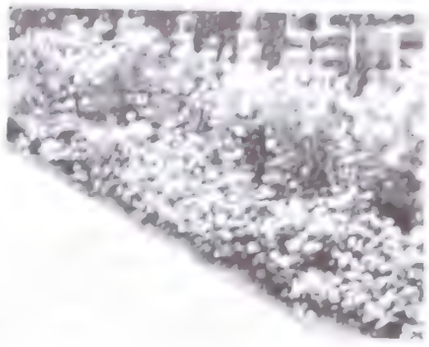
THE author begins with his index which he heads up by sections—Furniture Periods, Beds and Cradles, Chairs, and so on to Miscellaneous which includes Aiken Prints, Candlesticks, Needlework, etc.; then to China and Glass. It is a working handbook and has evidently been arranged to suit the convenience of the author who is a dealer in antiques. The book lacks that orderly arrangement we expect from a writer by profession but includes a mass of material culled at intervals, much of it valuable and all of it useful.

Starting with American Cabinet Makers and Periods, Hints on Con-

(Continued on page 226)



Dreer's
Best Dozen
Annual Flowers
H



A liberal packet each of the above Best Dozen Annuals for $1

The Dreer Garden Book—FREE

If you are particularly interested in Roses, send for our special catalog of Garden Roses—also free on the asking.

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1306 Spring Garden St. Philadelphia, Pa.

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Old Favorite Flowers



flower we know. Pkt. 50c

hardy violas. Large pansy-like flowers of a true violet blue. Pkt. 25c

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100 Giant Gladioli
Mixed Colors $3.50

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The Best Month
To Set Out
Rock Plants



This rock plant, Anemone Pulsatilla, is one of many lovely and easy-to-grow Wayside Rock Plants. All sturdy plants in good condition.

APRIL is unquestionably one of the best months to set out rock plants. The roots seem to get a good grip on the soil and [illegible] painstaking in the planting.

Nature seems to be in just the mood [illegible] suggest that you best make your [illegible] from that new catalog of ours. And, while about it, there are several new Hardy Plants and Rock Plants listed in it, that were never before offered in America.

You surely won't feel happy to miss these.

If you haven't the catalog, hurry

Wayside Gardens
E. H. Schultz
Pres.
Mentor, Ohio



Catawba Rhododendron

Lilac-purple and rose-purple flowers, [illegible] spring-time color [illegible] leaves [illegible] of [illegible] these [illegible] Catawba Rhododendrons [illegible]

[illegible] dense [illegible] those [illegible] and [illegible] green [illegible] Rhododendrons [illegible]

In Almost any Quantity and in Varying Sizes

[illegible] thousand [illegible] Rhododendrons [illegible]

Send for my special list which gives full details.

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EVERGREENS

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A [illegible] of our nursery is given to Evergreens and Evergreen trees. Quite two hundred varieties are in quantities to meet the needs of the small garden, the private estate, or the public park.

We have Evergreens especially adapted to Rock Gardens and to [illegible] Gardens, to foundation planting and the large landscape. All these evergreens are presented in our new catalog, *"Evergreens, Aza[illegible] and Rhododendrons"* which will be sent on request to those who intend to plant Evergreens.

OUR SPECIALTIES

Magnolias, Azaleas, Lilacs, Cotoneasters, Japanese Maples, Weeping Flowering Cherries, Red and White Dogwood, Scotch Blue Spruce, Koster, and Meehanna varieties.

Roses by Bobbink & Atkins

A [illegible] of the standard varieties, both Rose growers' descriptions [illegible] and varieties, including [illegible] and old favorites. All are classified to make ordering easy. A copy will be mailed to all who intend to plant Roses.

Hardy Herbaceous Plants

New and old fashioned flowers. Asters, Campanulas, Oriental Poppies, Peonies, Delphiniums, Iris, Phlox, Japanese and German Iris, Potentillas, Hardy Pinks, Anthericums, Doronicums, Gaillardias, Helianthus, Helenium, Achillea, Coreopsis, Heucheras, Aconites, Adonis, Astilbes, Primulas, and Rock Garden Plants.

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The plants will delight and flourish in the congenial soil, when it is well supplied with G P M Peat Moss, used in place of objectionable manure. It is wholly organic matter, nothing else. Clean, odorless, free from weed seed, insects and disease, therefore preferred to manure.

It retains moisture, while it improves drainage; helps aërate soil Benefits both light and heavy soils. Imported Granulated Peat Moss should be spaded in and also used liberally as a mulch in gardens, around trees, shrubs and along hedges.

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By Rockwell and Breitenbucher

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It is a cloth bound book well worth one dollar of any gardener's money or any who wish to succeed with gardens—And for that price it is sent postpaid.

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The Gladiolus is one of the most satisfactory flowers grown and there is no reason why every family cannot enjoy this grand flower — it is as easy to grow as the potato.

They bloom from July to frost if you plant a few bulbs each month from April to July.

For **Two Dollars** we will send **50 Bulbs** of our **Grand Prize** Mixture, which covers every conceivable shade in the Gladiolus kingdom.

Each year we sell thousands of these bulbs and have received numerous testimonials as to their merits.

Order Your Bulbs Now so as to have them to plant when you begin making your garden.

Sample cultural directions in package

Mail your order with Check, Money Order, Cash or Stamps, mentioning this advertisement, or call at any of our stores and secure this splendid collection, sent prepaid to any point in the U. S. east of the Mississippi. **For points West and Canada, add 25c ($2.25).**

Our 1928 Spring Seed Annual sent on request

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"When you want to buy a good lawn mower," says the Old Gardener, "just look at the number on the bottom for a little above mounted plate as you're pushing a mower that runs easy, cuts close, and stays sharp. It's a good idea for years and years.



That's a PENNSYLVANIA Quality Mower. Only PENNSYLVANIA has the STAYTITE Handle."



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Quality
LAWN MOWERS



Complete Materials For So Little As $660

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For all material cost f[illegible] erecting. Paint, putty, screws, [illegible]

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THE enemy to the summer time beauty you plan for your place, the enemy last around the corner, is drought!

Ten days of cloudless sky, the hot, hidden wind will scorch your lawn, shrubbery, flowers and vegetable gardens.

Rain is uncertain. It doesn't always come at the right time. But you can depend on the Skinner System of watering. It gives you the moisture

SKINNER SYSTEM OF IRRIGATION

Some Interesting Facts About It

Do you know that when put in [illegible] Skinner System [illegible] Garden the soil is any kind of ground



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are assured by Thompson Concealed Lawn Sprinkling Systems

THE FULL beauty of your lawn—the brilliant hues of the flowers—the green of the hedges—can only be brought out by correct watering... Sprinkling which reaches every root, evenly, gently, in April-shower fashion...

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Sprinkling Systems

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HOUSE & GARDEN'S BOOKSHELF

(Continued from page 222)

...truction and Repaired Pieces, Foot and Leg Designs; it switches to the English and French periods, then takes up the different pieces separately. The tables follow a Chronology of Furniture from the French Renaissance, 1515, with Country, Period, Date, Wood, Characteristics, and Design, to American in 1830. Another Chronology of Mirrors: Spanish, English, Chinese, American, French. Considerable material is gotten together on Chairs and Glass with a Chronology of Chairs filling 45 pages of which he says: "An effort has been made to cover every Staffordshire plate showing historical American views. Each one is described in detail and the price quoted. The same has been done with the historical flasks. A very complete chronology on mirrors is printed in which they have been carefully analyzed to the most minute detail, covering every interesting collection. Also chronicled are the glass factories dating from 1669 to 1880 and their products."

G. G. G.

GLADIOLUS. By L. F. Rockwell. New York. The Macmillan Company.

THIS is a modest handbook for the owner of even the smallest of the many backyards and lots in which every summer grows the flower whose cult, judging by the roll of the American Gladiolus Society, has increased during the last six or seven years more than that of any other flower. Just because the Gladiolus is so easy to make a beginning with and so easy to manage, many matters tending toward the best success are not commonly studied out as they easily might be with the aid of such a volume as this. Though the spikes of bloom are prized most for cutting the Gladiolus can be enjoyed in the garden bed also, Mr. Rockwell shows it masses best if it be interplanted with annual Larkspur, Lupins, Phlox, extra early Cosmos, Scabiosa, marguerite Carnations, Browallia, or Caliopsis. For exhibition, spikes will appear to better advantage if a band of brown paper is fastened around the lower end of the spike to hold back the opening of the lower buds till those above have begun to expand. Such valuable suggestions one is apt to come across in any of the various little volumes comprising Mr. Rockwell's series of Home Garden Books.

L. F. M.

BEYOND THE BUND. By Philip Kerby. New York. Payson & Clarke.

HOW the curve got on the baseball is but one of the interesting things Philip Kerby charmingly tells us in his book *Beyond the Bund*. A story beyond the other side of one of the world's most famous streets—that street in Shanghai of Western building and business, brings one via the Kerby route bang into China of the ages. He tells of that strange land and people in such a way that we understand why one of the world's greatest journals sent him to far Cathay to represent it and send back the truth.

The book is so good that we cannot recommend its purchase to a busy man. Time simply disappears when Philip Kerby begins telling you what he ... seen and heard. His varied and r... experience in the War, and up a... down "the windy ways of men" ... many parts of the globe, coupled ... his endowment in the realm of lett... and his ability as a story teller have ... prepared his judgment in picking ... point and in sifting the golden gra... of intense dramatic interest from t... chaff of mediocrity, that one cann... think of him as producing a poor boo...

It came to my home last evenin... this book which one puts down wi... little Oliver's famous cry—"More ... This morning the first lady in ... land said "What has become of you... watch?" A search revealed that it w... hanging in a pocket of my vest in t... clothes closet. The watch which ha... not gone unwound for twenty year... had been totally forgotten and neg... lected—the record of twenty year... was broken by P. K's. book.

"What happened to you?" said th... "No. 1" lady, "You never forgot t... wind your watch before?" I replied ... "I was across the street—in China."

Ask Philip Kerby what happened "across the street" and he will answer you most delightfully in his *Beyond the Bund*.

G. G. G.

THE WALNUT COLLECTOR. By MacIver Percival. New York. Dodd, Mead and Company.

DO not assume that this book will be interesting only to those who actually collect old English walnut furniture. Every book must have a title, the shorter and snappier the better, according to the present mode, and this one both attracts attention and sticks in the mind. Besides it belongs to the publisher's well-known Collector Series. The book is valuable for everyone interested in furniture. More than ever before does source material interest the general public, and the very pieces of furniture in shop windows today provoke a study of the origin of their design as well as the fitness of their woods and ornament.

Here the writer has thrown the searchlight of attention upon his special subject "the furniture made in England, between 1660 and 1730, of walnut and similar woods.

"This period is a most interesting one, as it includes the years during which English furniture makers, abandoning the traditions of their forebears, were learning all they could from their foreign compeers. They assimilated the methods of Continental craftsmen so well that toward the close of the period a new style of English domestic furniture had come into being."

There are 32 photographs and 47 line drawings, quite sufficient to visualize the points noted. There are 10 chapters on the different pieces—Chairs, Day-beds, etc., one on Brasses, another on Preservation and Repair; some advice in buying and furnishing, and a final and valuable chapter on "Furniture Designers, Cabinet and Clockmakers." We give thanks for the good index, so essential for study.

G. G. G.



An Evergreen Welcome to your Guests

and an attractive bond between [illegible] Juniper, Boxwood and Evergreens [illegible] way planting than many other [illegible] kept within bound. In our nurseries [illegible] dark as it should be—due to proper [illegible] vation

Please come to New Canaan and see our evergreens. Their full foliage and vigorous growth will delight you, and of course there's the additional advantage—you can personally select what you wish.

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AN INSECTICIDE FOR GARDEN USE
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Don't Make Garden for Bugs!

Only by guarding against beetles, potato bugs, leaf hoppers and other pests, can your flowers and vegetables develop properly.

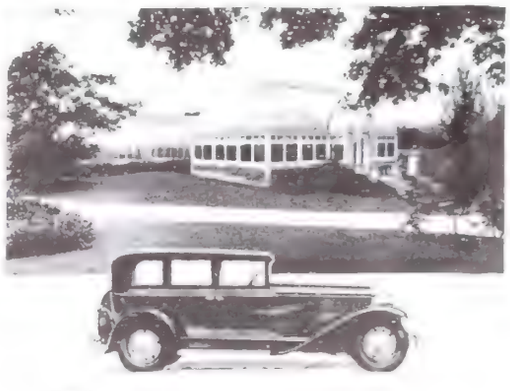
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has been used for almost fifty years by amateur and professional gardeners. Awarded gold Medals for its efficiency at World's Fairs, and awarded glowing praise by gardeners everywhere.

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Choose your Greenhouse as Carefully as your Car

TWO different makes of [illegible] the owner years of solid satisfaction, while the other is a [illegible]

So with greenhouses. The patented Lutton V-Bar greenhouse is built to last. Its V-shaped glazing bars cast less shadow than any other, letting in more sunlight and giving greater production. Its grace- beauty of appearance that delights the eye. Yet it is so sturdily built that its upkeep cost is negligible. It costs something more to build, but the difference is nothing compared with what you gain every year in practical advantages.

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You can have
a weedless lawn
—easily

YOU can have a lawn to rival the velvety weedless green of a well-kept golf course—easily. Here's the simple way—

Fertilize with Arcadian Sulphate of Ammonia

Arcadian sets up a condition in the soil which encourages the growth of grass and discourages the growth of weeds. Use Arcadian and your turf will show a wonderful improvement—much reduced grass, much less weeds. Continue the Arcadian treatment and you can have a lawn free from weeds.

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Arcadian has been thoroughly tested and proved by experimental tests. Results that do Rose gardens, vegetable beds, lawns, trees, shrubbery, etc. We have testimonials from well-known authorities that it is unsurpassed for the purpose. Among the many users of Arcadian are the Westchester Golf Club, Essex County Country Club, ". . . We have in Ammonium Sulphate . . . Arcadian . . . that can be used . . . Golf Club . . . D. M. Bowers . . . The . . . Golf Club . . . and accepted . . . Department . . . Arcadian . . . Department . . . Arcadian . . . Department . . . Arcadian

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A Plant Insecticide that is *Non-Poisonous*

MGK EVER GREEN

(Kills Even Cut-Worms)

THIS new non-poisonous insecticide will protect your plants and flowers against practically all common insects. Even cut-worms can be wiped out with Ever Green by following these sample directions:

Mix one tablespoonful of Ever Green with 1 gallon of water and soak the ground thoroughly around the plants. The cut-worms come in contact with the Ever Green—come to the surface and die.

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Ever Green can be used effectively against most all other insects including:

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Rose Slugs	Potato Bug
Red Cluster	Cabbage Worm
Melon Beetle	Japanese Beetle

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Other Important Advantages

Non-Poisonous—safe to have around the home. No danger of poison from eating vegetables sprayed with Ever Green.

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Buy Ever Green where you buy your seeds



Druggists, Hardware and Seed Stores and many grocers sell Ever Green. If your dealer's supply hasn't arrived yet, send $1.50 for a trial bottle—use according to directions. Your money will be refunded if it doesn't please you.

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THE GARDENER'S SEED BOOK

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Why not invite them to your grounds by putting up houses built for the needs and habits of each little tribe. Pine roofing and lumber, the best material for the little song host, assures a warm, dry home for your guests, protecting them from wet, cold, heat, wind, enemies and other annoyances. Easy to clean, ventilate, open, close, etc. Made in many styles and sizes.

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THE GARDENER'S SCRAP BOOK

of water for one to three months after it is set out. If there is a normal amount of rainfall the hose or bucket need be called on only occasionally, but should a pronounced dry spell set in the soil immediately around each plant must be artificially soaked at least once a week. A mere sprinkling will do more harm than good. The soil ought to be wet several inches below the deepest roots.

GOOD TOOLS WELL CARED FOR

IN a real garden the various tools used for cultivation and maintenance receive such hard use that only the best of materials and workmanship can stand up under it. The strain of the work itself is severe enough, even if it were not complicated by exposure to all kinds of weather conditions.

It is a point of ultimate economy, therefore, to invest only in first-class tools and other equipment. Good quality in the beginning, coupled with a reasonable amount of subsequent care in the way of cleaning and oiling metal parts and painting wooden ones, means many years of real service and satisfaction instead of the one or two seasons which often are enough to bring about the finish of inferior implements.

PORTABLE VEGETABLE FRAMES

TOWARD the end of this month the vegetable gardener who wants especially good Muskmelons, Squashes, Cucumbers and other hot weather vine crops will prepare the hills in which the seeds are to be sown and cover each of them with one of the port-

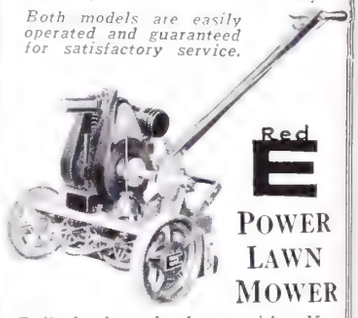
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Save yourself time, labor, and expense by cutting the grass with a Red E Lawn Mower, the simple, sturdy, efficient machine that goes over the ground rapidly and does a slick and sightly job.

Model A 20 inch cut
Capacity 2½ to 3 acres a day

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Capacity 5 to 6 acres a day

Both models are easily operated and guaranteed for satisfactory service.



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POWER LAWN MOWER

Built for long, hard use, with self-sharpening, oil-tempered crucible-steel blades, safety disc clutch, patented clutch control, and other outstanding features that every user appreciates. Reel has roller bearings and is self-adjusting. Propelled and operated by 4 cycle air cooled gasoline motor.

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MINUET The very finest, tall lavender pink ever. Very large, expertly boxed. Each $3.00

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One bulb of each variety for $5

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Send for the Catalog [illegible] best varieties from the pioneer Gladiolus Farm of the world.

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4 Packets of Cacti seed postpaid..... $1.00
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12 lovely water Ferns suitable for bowls or rockeries postpaid... 1.00
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THE GARDENER'S SCRAP BOOK

LILIES FROM SEED

AMONG American garden-lovers there is a strong and growing interest nowadays in raising Lilies from seed. Many of the most desirable species germinate easily and form bulbs of flowering size in three years after the seeds are sown. It thus becomes a simple matter to obtain a large quantity of them from an original expenditure of a dollar or so in money and a small amount of labor and attention. The justly famous Regal Lily is a case in point and can serve as a model for the other kinds that bear seeds in pods.

Regal seed is planted as early in the spring as the garden soil can be worked to advantage. It is sown in rows in well-drained, sunny soil that has a tendency to sandiness, the seeds being placed about an inch apart and the same in depth. Germination takes place in two or three weeks. The first sprout resembles a grass blade and dies down by the time that one or two of the second leaves, very narrow and pointed-oval, have appeared. This latter foliage remains with little change all summer. At no time during the first season is there any suggestion of the stalk type of growth which the bulbs will send up at maturity.

Aside from weeding and watering if a severe drought sets in, the seedlings need no attention the first summer. By the time the frost kills off the foliage the young bulbs will average close to a half-inch in diameter and have several thick, fleshy roots. Before the ground freezes they ought to be transplanted about three inches deep, preferably in the places where they are to remain permanently. Some may flower sparingly the following summer, but there will be no real display until another year has passed.

Regal Lilies have an advantage over some other species in that they require no staking. Their stalks are remarkably strong and can withstand winds successfully.

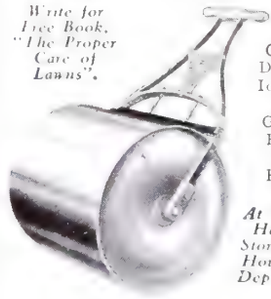
Lawn Roller Weight adjustable to soil conditions

A VELVETY, green carpet of lawn is possible only with a lawn roller. It should be adjustable — for light pressure in early Spring, to aid penetration of tender new grass roots into the soil—heavier pressure later, to produce closely knit roots, even growth, and to discourage weeds. Tennis courts and golf greens (moist or dry) need regulated pressure as well. For adjustable roller weight use

DUNHAM WATER-WEIGHT ROLLERS

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Write for Free Book, "The Proper Care of Lawns".



Genuine Dunham's Identified by GREEN Body—RED Handle

At Leading Hardware Stores, Seed Houses and Dept. Stores.

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San Francisco, 268 Market Street
Montreal, Mount Royal Hotel Bldg.

Kunderd

Gladiolus Book *Free*

TELLS how to grow the finest gladioli successfully — Kunderd's own directions and methods. Also describes hundreds of Kunderd Gladioli — Ruffled, Laciniated, Plain Petaled, Primulinus Hybrids and the two new types, Snapdragon and Recurvii Gladioli. 68 illustrated in color. 120 new varieties introduced in 1928 catalog.

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The originator of the Ruffled and the Laciniated Gladioli

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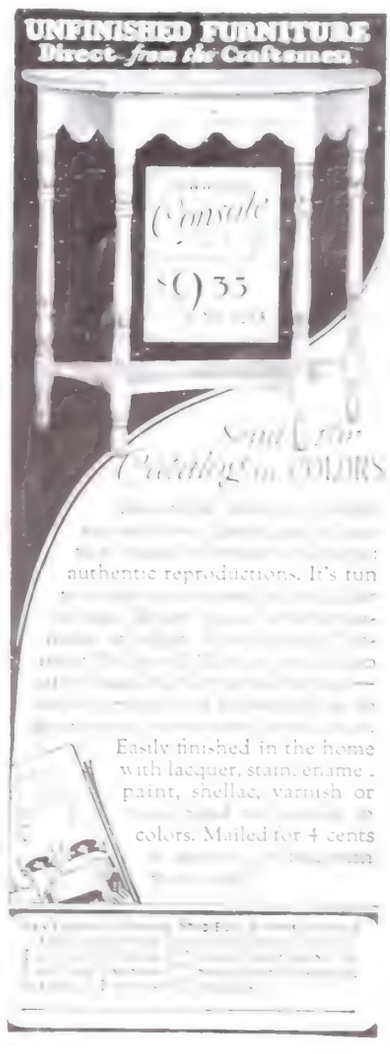


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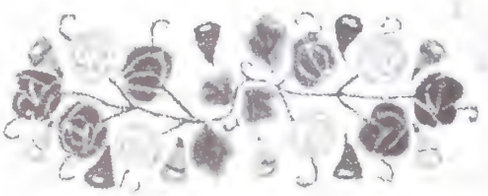
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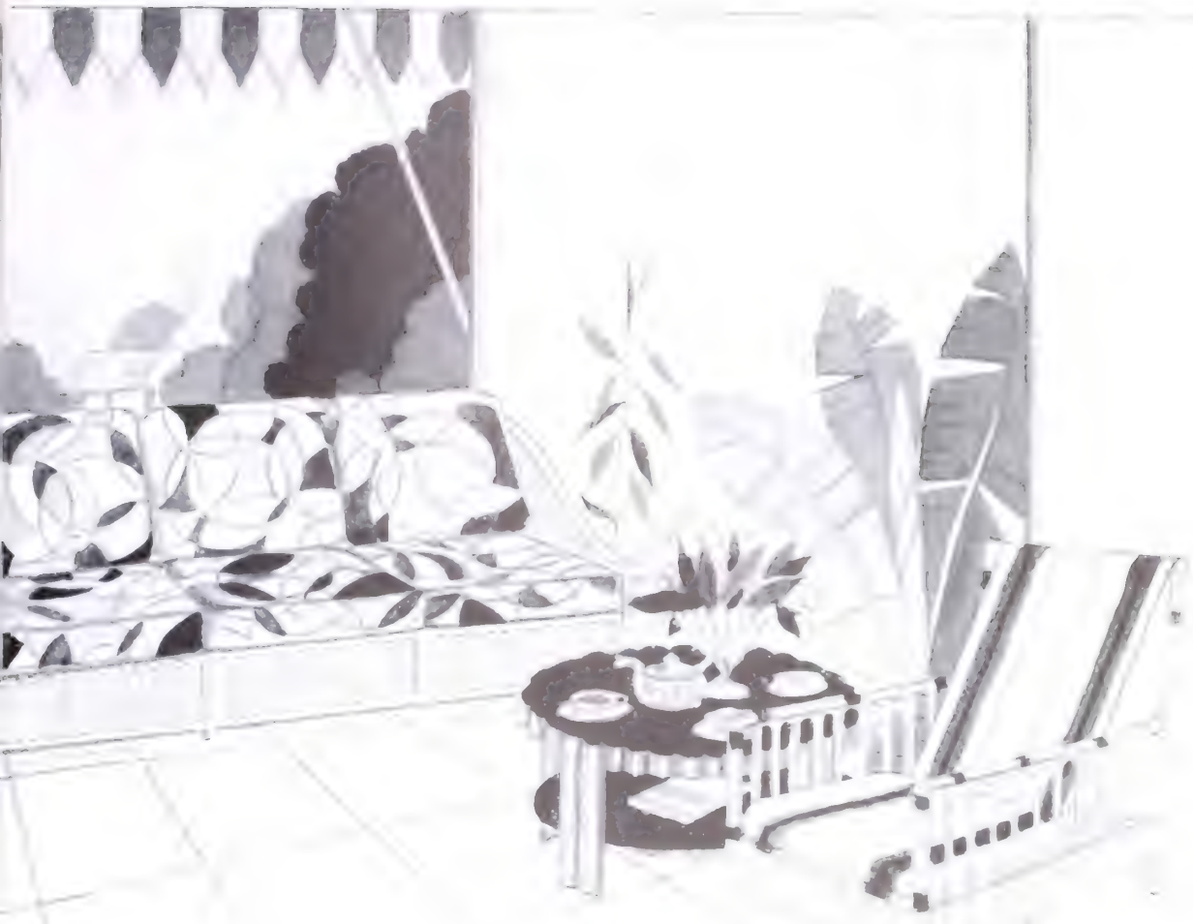
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les Parfums d' Isabey
LE LYS D'ISABEY
PARFUMS ISABEY
Originally created for the exclusive use of one of the present Nobility of France



LORD & TAYLOR

announce that the department of modern decoration is ready to design modern ensembles to meet the individual needs of its clients

Five rooms by our decorating staff are now on display.

SEVENTH FLOOR

FIFTH AVENUE NEW YORK

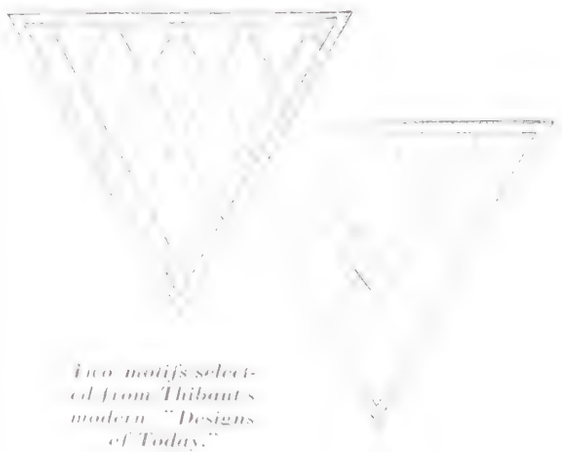
A national trend in wall decoration... fine papers by Thibaut

FOR many years the unusual Thibaut wall papers were offered to the general public exclusively through Thibaut's own display rooms in New York, Boston, and other eastern cities.

Today, Thibaut papers—the much talked of "Designs of Today" as well as correct established papers—are being shown in leading cities throughout the country. We herewith present with pride the names of quality establishments in which these papers may be seen.

Ask your decorator about Thibaut designs—suggest that he inspect our latest offerings. Or see them for yourself in any of the establishments here listed. You will be amazed at the richness of Thibaut color; the dynamic quality of Thibaut designs.

If you do not live in one of the cities mentioned, write to the firm nearest you for samples and further information. Or address: Richard E. Thibaut, Incorporated, 24 West 40th Street, New York City.



Two motifs selected from Thibaut's modern "Designs of Today."

Jour de Mai, the lovely scenic wall paper illustrated below, is one of the Thibaut designs now being offered by the exclusive houses listed in the next column. Of exceptional richness and distinction, Jour de Mai is offered at a surprisingly moderate price.





Atlanta	W. E. Brown Decorating Company
Baltimore	C. J. Benson
Buffalo	Ralph G. Butler
Chicago	W. P. Nelson Company
Cincinnati	The C. C. Aler Company
Cleveland	The Sterling & Welch Company
Dallas	Moore Wall Paper & Paint Company
Detroit	Cadillac Wall Paper Company
Hartford	Johnson Paint & Wall Paper Co.
Houston	James Bute Company
Indianapolis	The Central Wall Paper & Paint Company
Kansas City	Kerr, Lynn & Garvey
Louisville	T. B. Duncan & Sons
Memphis	E. C. Denaux Company
Minneapolis	William A. French & Co.
Philadelphia	Kayser and Allman
Pittsburgh	John Dewar
Richmond	J. Frank Jones
Rochester	Sibley, Lindsay & Curr Co.
St. Louis	Baily-Henderson Wall Paper Co.
San Francisco	Armstrong, Carter and Kenyon
Savannah	Robert Taylor & Son
Tulsa	The Darwin Company

KENSINGTON FURNITURE



I



Charming Queensware Patterns

[illegible] Queensware [illegible] Josiah Wedgwood in 1761, after years of experimentation with the crude domestic pottery then [illegible] Staffordshire. Though widely copied and imitated for more than a century and a half, genuine Queensware has remained a distinctive and exclusive product of the Wedgwood Potteries at Etruria. Through this long period of time a wealth of lovely designs have been developed, and new ones are being created constantly, so that the purchaser has an extraordinary range of patterns and color combinations from which to choose. And Queensware generally is carried in the stores in open stock.

Josiah Wedgwood & Sons, Inc.

[illegible] Avenue [illegible] York

Mar[illegible]on

[illegible] Fe[illegible]

WEDGWOOD





Nahon



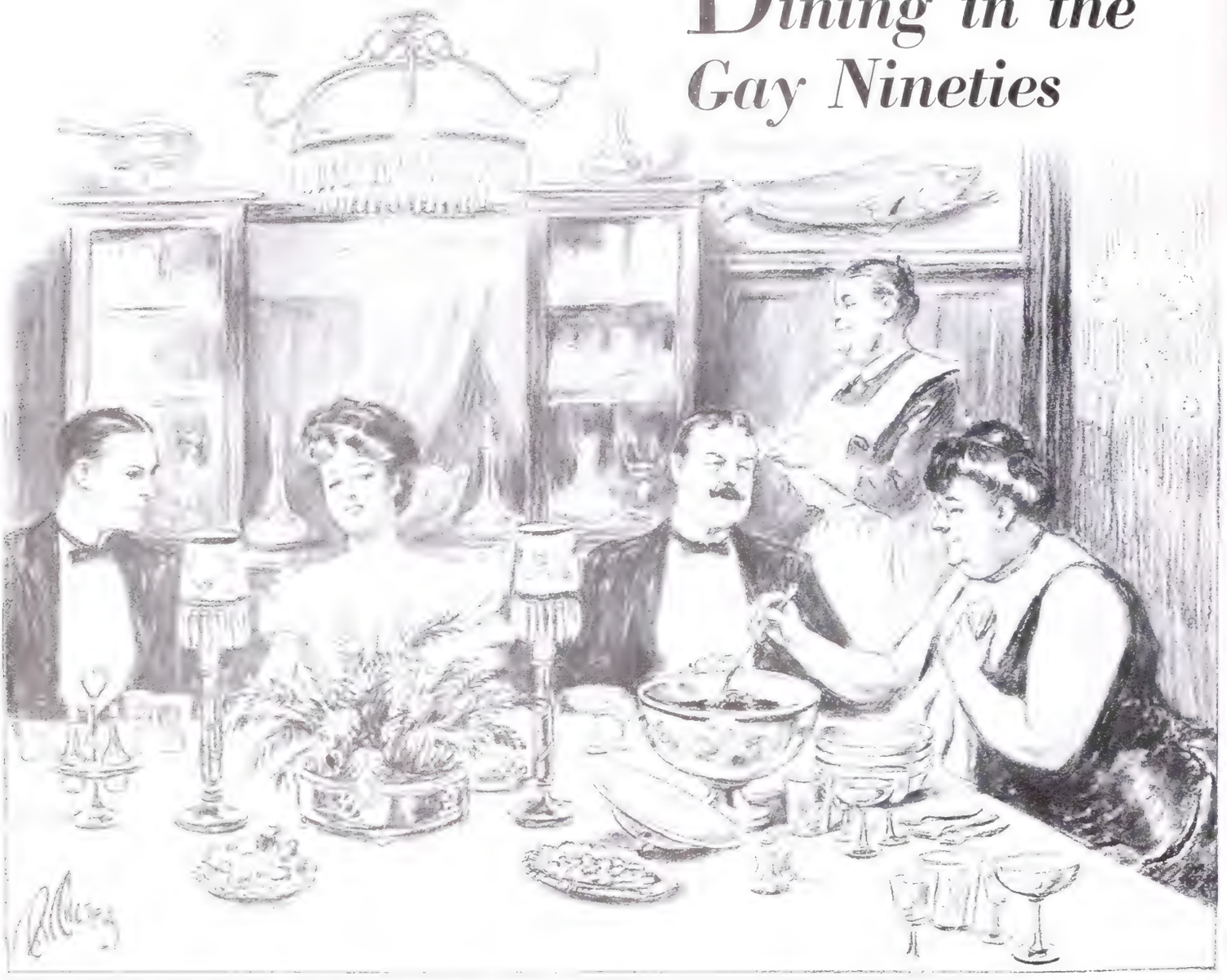
In [illegible] design, quality of material and skill of workmanship Nahon furniture is in every respect equal to the best to be had in Europe. Made exclusively in our own factory, for use in American homes, it has a decided advantage over imported furniture in being built to withstand our native climatic conditions.



The Nahon Company

[illegible] STREET [illegible]

Dining in the *Gay Nineties*



SOUP, in the "gay nineties" was brought steaming to the table in a massive tureen; then ladled onto plates by the hostess. And what plates they were—deep bowls often measuring almost an inch from brim across.

How the soup appetite has decreased! The staggering multi-course dinner is encountered only in story. And the ponderous china on which it was served is now thoroughly outdated.

The soup plate has bowed to the soup cup (sometimes called cream-soup). A successor of graceful proportions, alive with a beauty which reaches its supreme development in the smart forms and patterns of Black Knight china.

* * *

This lovely luncheon cup is but one example of the distinction which marks modern Black Knight china . . . the smart, non-chipping china which has broken the bonds of the arbitrary "dinnerset". Substituting for the weary monotony of an identical pattern throughout the dinner, the correct Black Knight course combinations. Which means simply that separate courses are served on different sets of plates, related in groups. Making of a dinner a brilliant procession of changing colors, each service refreshingly different in details.

Smart stores in most cities offer Black Knight china in their Black Knight *Style-shops*. They will be glad to suggest design combinations which will cast a witching spell of beauty over your table.

© "The Gracious Art of Dining" is a 64 pp. booklet, surveying charmingly the current amenities of smart dining. Helpful suggestions. Photographs. Send 25c. to Black Knight, Dept. 2H, 104 Fifth Ave., New York.



The hallmark of smart distinction

BLACK KNIGHT CHINA



An American Dining Room Worthy of Duncan Phyfe

The spirit of the best in Early American life lives again in this dining room suite . . . the Knickerbocker. To faithfully reproduce the genius and artistry of Duncan Phyfe, America's foremost craftsman, Kittinger has selected richly figured solid Honduras Mahogany of such quality and beauty as Phyfe would have delighted in working. Only in the finest of such woods are the fluted carvings and decorations so characteristic of Phyfe's best work, possible of masterful execution.

Extension table, sideboard, server, mirror, china cabinet and chair . . . all are in solid mahogany, finished in duo-tone rubbed lacquer . . . with antique bronze fittings of unusual beauty of design.

In all Kittinger furniture for living room, dining room, bed room and hall, the finest solid woods are used . . . pure gum Honduras Mahogany or American Walnut . . . even in hidden or minor parts. Substitute woods are not worthy of Kittinger design and craftsmanship.

And yet, because of Kittinger methods of production, the cost of these exquisite pieces is no less than you would expect to pay.

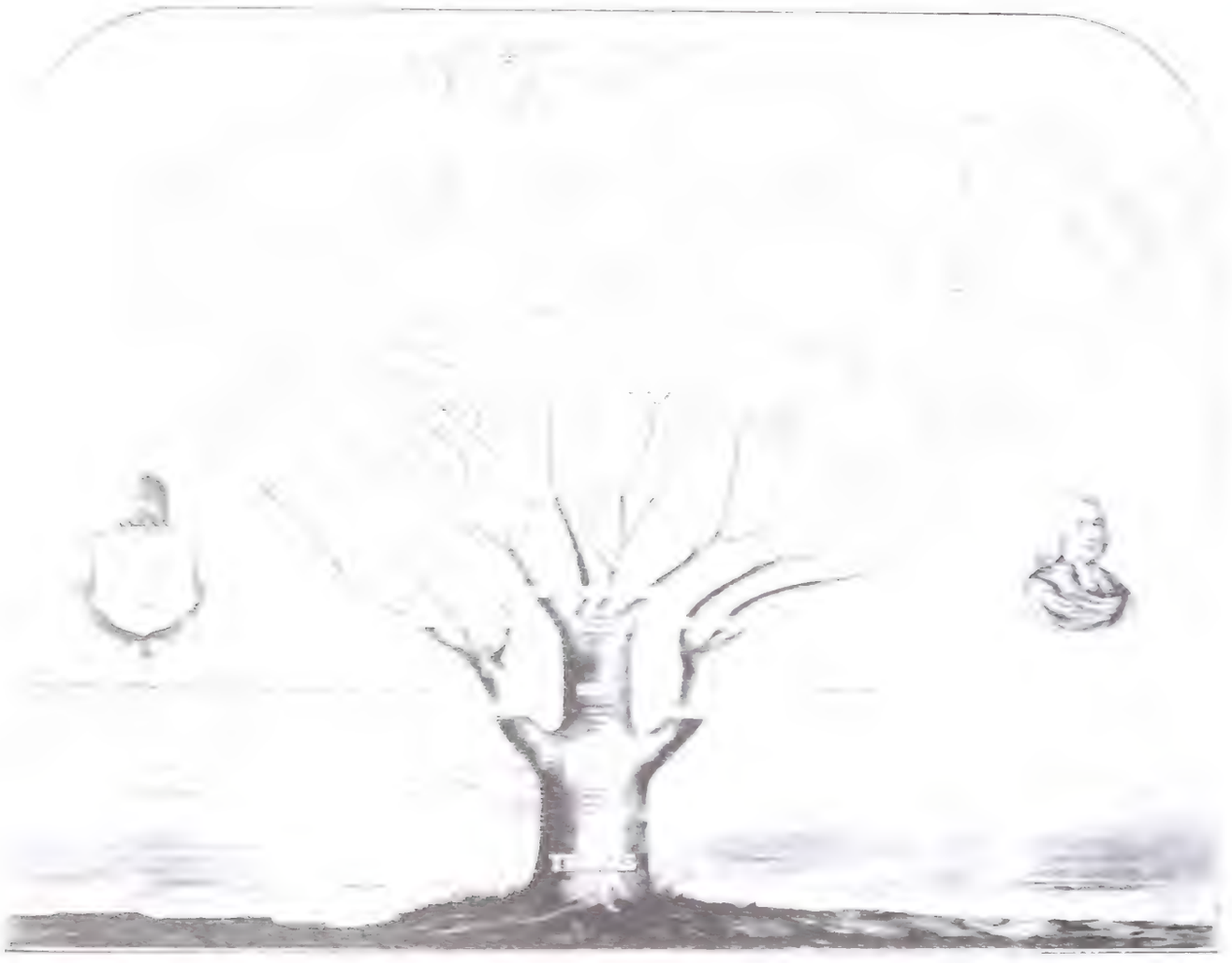
A brochure describing the "Knickerbocker" suite together with other literature showing Kittinger Distinctive Furniture for the living room, club or executive office will be sent on request. Kittinger Co., [illegible] Buffalo, N. Y.



Kittinger Furniture

KITTINGER

Distinctive Furniture



Old family trees have countless branches
but the forefathers' furniture did not multiply

E

Early American
BUILT BY
STICKLEY
OF FAYETTEVILLE NY



COLOR HARMONIES . . .

like the flaming flowers of Spring

Buick motor cars wear beauty as radiant as the glowing blossoms of the countryside. Not only the beauty of pleasing lines, but also the beauty of alluring color . . .

Harbor Blue—Valley Green—Boulevard Maroon—Talina Brown—these and other exquisite shades adorn Buick bodies by Fisher. All were chosen by color specialists. All are tasteful as well as distinctive. And all combine with Buick's long, low lines to place these cars in the forefront of fashionable creations.

This Spring, you want the most satisfying automobile you can buy. Vivid beauty—plus world-famous performance—tell you to choose a Buick!

CHARACTER REFLECTED IN A FINE FLOOR



ONLY the very finest floor material could meet the requirements of this richly appointed room.

Goodyear Rubber Tiling was selected not only for beauty of design and coloring but also for its quietness under foot and *laboratory cleanliness*. No trouble at all to keep it clean.

Just ask yourself if these are not the floor qualities you want for any room in the house. You'll find Goodyear Rubber Tiling *adaptable to any interior*, whether it be period style, modern effect or just simple harmony and good taste.

You will be especially pleased by the variety of good designs, including many rich marbleized effects and any number of other attractive patterns in two- and three-color combinations.

And here is more good news: when quality and long wear are considered, the cost is surprisingly low.

The Greatest Name in Rubber

GOODYEAR

RUBBER TILING

Copyright [illegible] The Goodyear Tire & Rubber Co., Inc.

For attractive booklet descriptive of this modern floor material, just fill in this coupon with name and address, then mail it to Goodyear, Akron, Ohio, or Los Angeles, California.

NAME .....

ADDRESS .....

The interior of a home is generally considered a symbol of the owner's individuality. The knowledge and experience of W. & J. Sloane enable them to interpret your taste in furnishings of dignity and comfort.



W. & J. SLOANE

Fifth Avenue at Forty Seventh Street
New York City
San Francisco *Washington*

INTERIOR DECORATION

HOME FURNISHING COUNSEL

simplicity
directness
characterize
the changing
age
DYNAMIQUE
endeavors to
express the
new age in
furniture



DYNAMIQUE IS SHOWN IN A LEADING STORE IN THE LARGER CITIES THROUGHOUT THE UNITED STATES AND CANADA.
JOHNSON-HANDLEY-JOHNSON CO.
GRAND RAPIDS, MICHIGAN



DYNAMIQUE CREATIONS

WHAT JANET GRAY SAW AT LEWIS & CONGER





The Big Chief, bless his heart, arrived home one night with the Handy Nail Box tucked under his arm. Has hammer, tack lifter, gimlet, screw driver and pliers, and tacks, screws, nails and hooks. Of course, I explained to the Big Chief that that doesn't let him off fixing things when he's home. But on all other occasions, my Handy Nail Box is certainly a friend in need. $6.75.

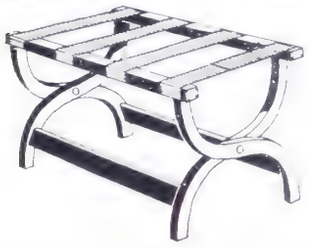


This Housecleaning Pail is partitioned—one side for soapy water, the other for clear. Boasts an attached basin, too. Enameled blue. $7.00. (Also white or red.)



This Housecleaning Tray has compartments for polishes, brushes, cloths, etc. Saves my scurrying around because I carry everything along with me. The Tray is enameled blue. Also comes in red or oak brown. $3.25.

I've had my handy little Vegetable Binet six months now—like it better all the time. It keeps fruits and vegetables so fresh—safe from mustiness. Keeps them all tidily together in one place, too. The Binet is a compact affair with five bins, of strong light steel, perforated, to let the air circulate freely. It is 33″ high, 20″ wide, 12″ deep and cost $10.00. There's a smaller apartment size, $8.50, and a larger suburban size, $13.50.



Blessings on thee, little Trunk Stand. You save my bedspreads from getting rumpled and my chairs from scratches! It holds luggage at the right height for packing. Folds up flat when not in use. Mine is finished in mahogany. But they also come finished in walnut or ivory. $7.50.



LAST TIME the bridge club met here I caused a mild sensation with a novel cake that looked like a checkerboard—which effect I achieved with my Checkerboard Cake set. It's a double ringed affair I place inside a cake pan. Into the small center ring goes dark batter, into the next ring light batter. And into the space between the outer ring and the rim of the pan, dark batter again. Then out lifts the ring. The next layer starts with light batter in the center, then dark, then light. When the layers are baked and put together with filling and iced, the cake cuts down in checkerboard design. $1.75 set.

The articles described here by Janet Gray may be purchased by mail. Just fill in the coupon and mail.

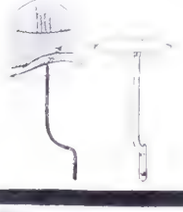
Janet Gray



The Three-Fruit Reamer always rises nobly to the job of providing much fruit juice—quickly. Has three reamers—for oranges, lemons and grapefruit. I just hold the fruit against the proper reamer, turn the handle and out streams the juice. A strainer catches the seeds and pulp. It's of aluminum and cost $12.50.

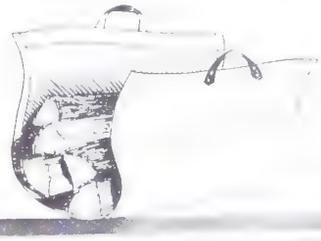
Hat Holders are bronze rings that fasten to closet walls. They hold hats out from the wall—keep them from being knocked to the floor. $1.00 for three.

Moths hate Reefer's No-Moth. Every spring I hang containers of it on closet baseboards. Its cedar fragrance keeps moths away. Complete $2.00; Refill $1.50.





We have our furnace out but keep a wood fire in the living room. And the boys don't mind lugging up the logs for it—with the Canvas Wood Carrier. It carries the logs comfortably, without soiling clothes. Made of canvas with sturdy leather handles. $3.00.

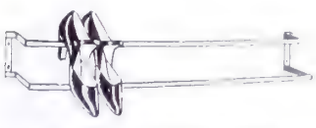


LEWIS & CONGER

45th St. and Sixth Ave., New York

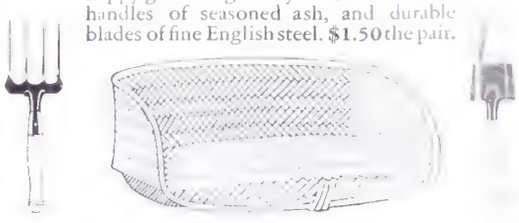
"A HOUSEFUL OF HOUSEWARES"

Preaching against an untidy clutter of shoes on the closet floors had little effect on my family. So I bought Shoe Racks for all bedroom closet doors—which solved the problem beautifully. They're fastened to the door and keep the shoes in neat rows—off the floor. Metal in black or bronze finish. Both finishes in 20″ and 24″ lengths. $1.00 each.



I find this Kneeling Mat a great help for close garden work. It's soft and thickly padded—saves my back and knees. Made of Chinese rush with an oilcloth bottom. $1.50.

This trowel and fork are other aids to happy gardening. They have comfortable handles of seasoned ash, and durable blades of fine English steel. $1.50 the pair.



Enclosed is . Check.....Money Order
Send C. O. D. Please send me the following articles as described above:

.....

.....

.....

Name .....

Address .....

City ..... State .....

PINE TREE *in the spirit of Modern America*

1928





NE TREE, the new second pattern, portrays an America just awakening to the artistic possibilities within her own everyday life. this strikingly modern design, swift-flowing outlines symbolize upward sweep of pine branches. Pine cones make a delicate clear border. On the back of each piece appears the trees itself, lovely image the pine that was America's original identification of sterling ver . . . It is a little touch of genius that *distinguishes* your Pine ce silver instantly as sterling of great richness and charm.

ew are patterns that will be as precious a treasure from your Grand ental metal from which they are so exquisitely wrought.

More information about this silver:

STERLING

INTERNATIONAL SILVER CO.

MINUET

in the spirit of Early America

1776





All the pieces necessary to make a complete sterling silver service are available in the Minuet Pattern.

MINUET
PINE TREE

. . . *first and second patterns in the American series*

The American Series embodies, in sterling silver, representative phases of American life. The designs are and will be of purely native inspiration . . . Two patterns only have been completed, for, out of a century and a half of national life, but two American "periods" of artistic consequence have emerged . . . Succeeding patterns are a matter pertaining to future generations of International silversmiths. Their source will be dictated only by the further development of matured American art.

MINUET, classical pattern, has already received some of the highest [illegible] in American silver design. A famous decorator [illegible] Georgian pattern in perfect accord with the authentic Early American interior. Yet so gracefully does Minuet express a [illegible] lovely simplicity that it is equally charming in [illegible], regardless of its setting.

INTERNATIONAL

FINE ARTS DIVISION, Meriden, Conn

Garden Treasures from Old Italy







A GARDEN is as lovely as you make it. Nature in her vagaries brings sunshine and shadows, majestic trees and dainty flowers. The rest she leaves to you – to brighten barren spots and fill the empty nooks. And for *your* part The House of Jackson tenders treasures for the garden, antique carvings done in stone and marble. For your selection lofty fountains, massive urns and well heads, inviting seats and benches. Only a visit to one of our shops – at New York and Chicago – can bring to you a full appreciation of how we can aid in making yours a beautiful garden. But if you cannot call we shall do our best to serve by correspondence, for photographs of available pieces may be had by addressing us at New York, Dept. HG.

GARDEN

FOUNTAINS · BENCHES · SEATS · URNS · VASES
WELL HEADS · COLUMNS · MODERN AND ANTIQUE MANTELS · ANDIRONS · FIRESETS AND OTHER FIREPLACE FIXTURES.

WM. H. JACKSON COMPANY

ESTABLISHED IN THE YEAR 1827

2 WEST 47 TH STREET NEW YORK

318 N. MICHIGAN AVE. CHICAGO

THE OLDEST HOUSE OF ITS KIND IN AMERICA



ONALD GRAY, LANDSCAPE ARCHITECT. HOUSE & GARDEN.

The Lord God Planted a Garden

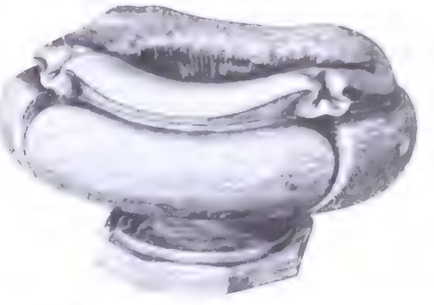
.ord God planted a garden
the first white days of the world,
He set there an angel warden
a garment of white enfurled.
ear to the peace of Heaven
at the hawk might nest with the wren,
here in the cool of the even
od walked with the first of men.

And I dream that these garden-closes
With their shade and their sun-flecked sod
And their lilies and bowers of roses
Were laid by the hand of God.
The kiss of the sun for pardon,
The song of the birds for mirth—
One is nearer God's heart in a garden
Than anywhere else on earth.

DOROTHY FRANCES GURNEY

FURNITURE

illustrated on these pages are: Tall column in
erona Marble, $350 each; Carved Marble Seat,
Red Verona Marble Well Head, $1500
Fountain in Carrara Marble, $1000; Italian
n Istrian Stone, $350 per pair.



WM. H. JACKSON COMPANY

2 WEST 47TH STREET NEW YORK

318 N. MICHIGAN AVE. CHICAGO

ESTABLISHED IN THE YEAR 1827

THE OLDEST HOUSE OF ITS KIND IN AMERICA

acceptable

Not until the last vestige of dandruff is gone, can you be considered a fastidious person, acceptable socially.



Checking dandruff *pleasantly*

"Glittering tresses which now shaken loose, showered gold". So wrote Meredith. And Bailey added that they "drop upon thy cheek like gold-hued cloud flakes on the rosy morn".

That was in the days before dandruff. Today, the perfect head of hair is the exception. Through ignorance, carelessness, or laziness, today's women needlessly allow dandruff to get the upper hand.

Don't tolerate this condition, in yourself or members of your family. Ordinary dandruff (spread by promiscuous use of combs, etc.), can usually be checked quickly and pleasantly by the systematic use of

LISTERINE

—the safe antiseptic

Listerine. No expensive "treatments". No complicated "cures".

Simply douse it on the scalp, full strength, and massage vigorously, occasionally using a little olive oil if your hair is excessively dry. Keep it up for several days. You will be amazed and delighted by results.

LAMBERT PHARMACAL COMPANY
ST. LOUIS, MO., U. S. A.

You'll like it

Listerine Tooth Paste is as refreshing as it is effective and but 25c the large tube.

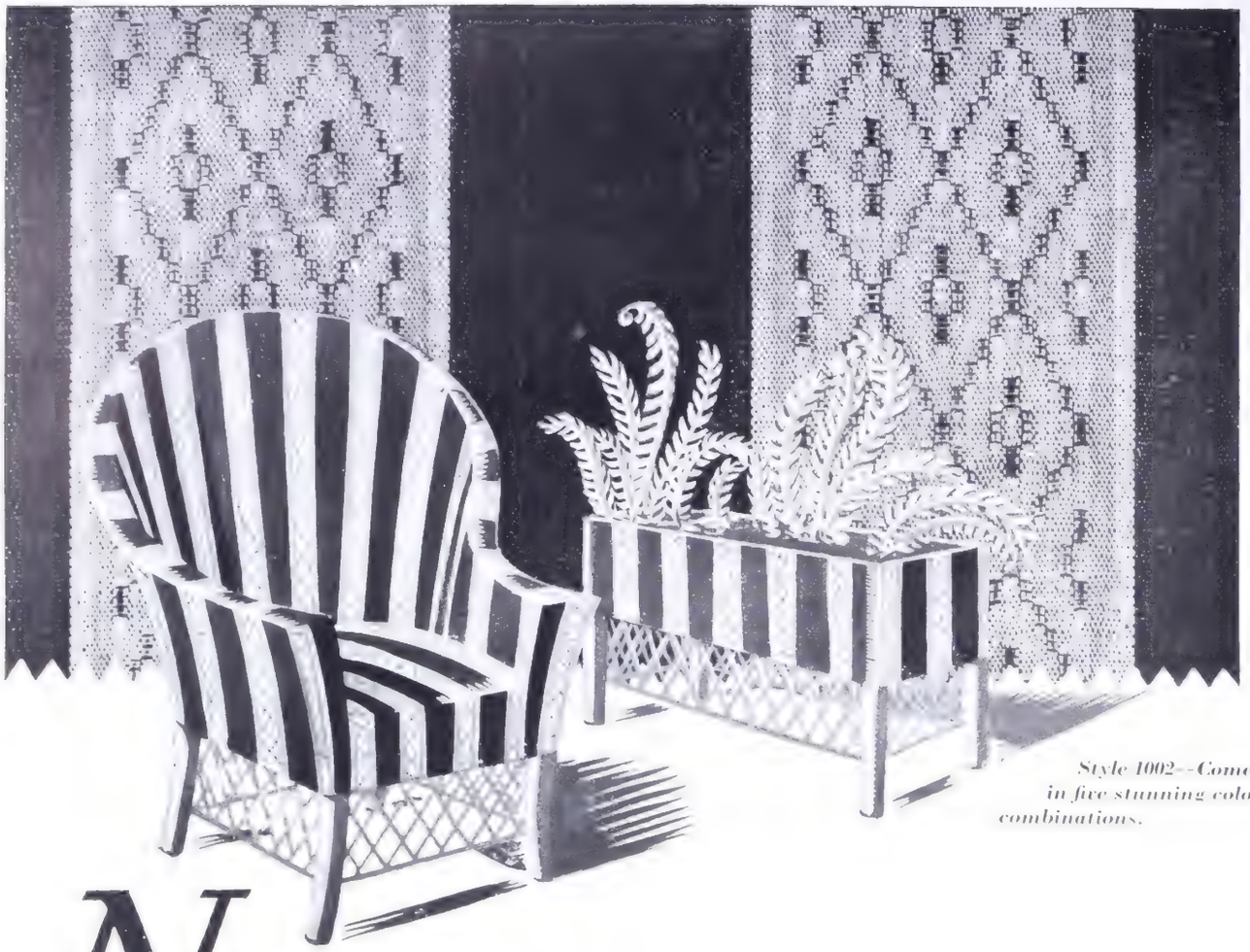


RIVATE view day at the Royal Academy (the start of the London Season) . . . and Lady Margery
aunton of that old Yorkshire family, contributes much to the charm and beauty of the affair. She
ears the softest gray . . . the rarest tints of rose . . . ah, there seems no color, no costume, that does not
ell become her, for hers is a complexion delicate and fair . . . and fresh as any flower. Through
adition Lady Margery found this single toilet soap which would soothe and stimulate her fair skin as no
ther. For generations English women (and in Paris, too, where it is known as "le savon des elegantes")
ave held Yardley's Old English Lavender as the soap supreme for cleansing their skin, and preserving for
em a beauty admired throughout the world. The fragrance of this soap is a constant delight to
ady Margery. She has found it again, in the other Yardley products. England's best, obtainable anywhere in
merica. "The Luxury Soap of the World," box of three cakes $1, or 35c the cake; Lavender Perfume, $1;
ace Powder, $1; Compact, $1.25; Talc, 50c; Sachet Tablets, 25c; Shampoo, 15c the cartridge; Bath Salts,
1; Bath Dusting Powder, $1.50. Yardley, 8 New Bond Street, London; 15-19 Madison Square North,
ew York; also Toronto and Paris. *Out of deference to our clientele we have refrained from using actual names.*

Yardley's Old English Lavender Soap



Established in 1770



Style 1002—Comes in five stunning color combinations.

Now. . .

a fabric you can leave outdoors

IT is waterproof; it is mildew-proof; it is absolutely sunfast—this new-finished Lancaster Stayso Slip Cover Cloth. For by the Stayso process applied by Lancaster Mills, it is completely weatherproofed—making it indeed the ideal fabric for terrace and lawn furniture, boat cushions, porch furniture and bathing capes.

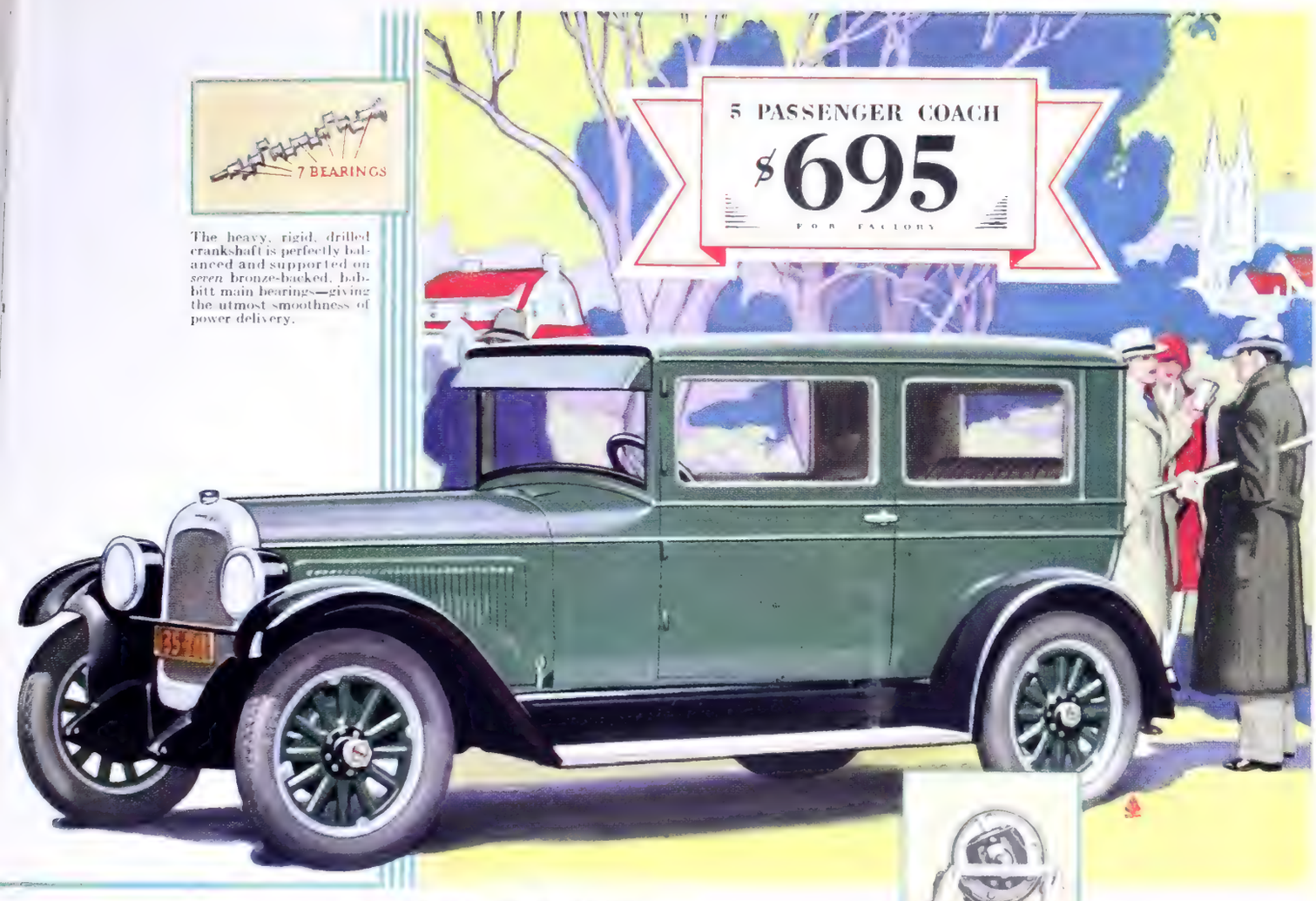
Lancaster Stayso Slip Cover Cloth has long been a standard fabric for slip cover use—its new finish gives it a score of new uses, while it retains all its crisp, fresh beauty of coloring and design.

Ask to see this beautiful new line at your favorite store. New as it is, the store should have a good variety to show you—but if the material is not yet in stock, write us direct for samples, and we will tell you at the same time at what other convenient place you can buy it.

Amory, Browne & Co.

Dept. D. 3. Box 1206. Boston. Mass.

LANCASTER FABRICS



The heavy, rigid, drilled crankshaft is perfectly balanced and supported on *seven* bronze-backed, babbitt main bearings—giving the utmost smoothness of power delivery.

The new Whippet Six has officially approved 4-wheel brakes of the superior mechanical type.



A silent timing chain drives the camshaft, assuring quiet, smooth operation—a feature of the highest priced cars on the market.

ANNOUNCING

The World's Lowest Priced SIX

with 7 Bearing Crankshaft

REVOLUTIONIZING all standards of six-cylinder motor car value—establishing a trend of design as advanced as that created by the Whippet in the four-cylinder field—the new Whippet Six is, in many respects, the most amazing car of the year. It offers, at a hitherto unheard of price, an array of mechanical features worthy of a Six costing two to three times as much. The new Whippet Six is smooth and silent; it is exceptionally powerful; it is flexible; it is exhilaratingly lively. Long, low-swung bodies in harmonious lacquers, and smart interiors, give a distinction and an air of custom car luxury that will evoke your admiration. Willys-Overland, Inc., Toledo, Ohio. Willys-Overland Sales Co., Ltd., Toronto, Canada.

and These Quality Features:

Full Force-Feed Lubrication
Silent Timing Chain
Invar-Strut Pistons
4-Wheel Brakes



Pistons of the new Whippet Six are of the Nelson type—made of a special aluminum alloy, with invar steel struts. This design prevents piston distortion and assures faster pick-up, greater speed and power, and longer life.

Whippet Six Touring $615; Roadster $685; Coupe $695; Sedan $745.
Prices f. o. b. factory and specifications subject to change without notice.

The new Whippet Six



A Rainbow Color Range from which to Choose

Leavens "Finished to your Order" plan of buying furniture gives you unlimited scope in your choice of color or finish. Under the Leavens plan you may secure furniture painted, stained or decorated to harmonize with the wall paper, draperies and other furnishings of the room. No color tone of the spectrum is too difficult for us to match. Soft blues, brilliant reds, jade green, old rose, sunny yellow, mulberry, with decorations of any motif in keeping with the style of your room. The Leavens' artists are skilled in helping the furniture buyer secure exactly the effect desired.

In the Leavens Catalog are illustrated hundreds of styles and types of furniture ranging from the simple unfinished Windsor chair to the complete living room, breakfast room or bedroom suite. You choose the piece or pieces wanted and tell us what decorations, finish or colors you want. Or, if you like to paint at home, you can buy Leavens furniture unfinished ready for your own brush.

The entire plan of buying furniture unfinished, furniture stained or furniture painted and decorated, is described in the new Leavens Catalog. If you would like this catalog, please write your name and address on the line below and mail to William Leavens & Company, Inc., 32 Canal Street (Dept. G-5), Boston, Mass.

Name Address



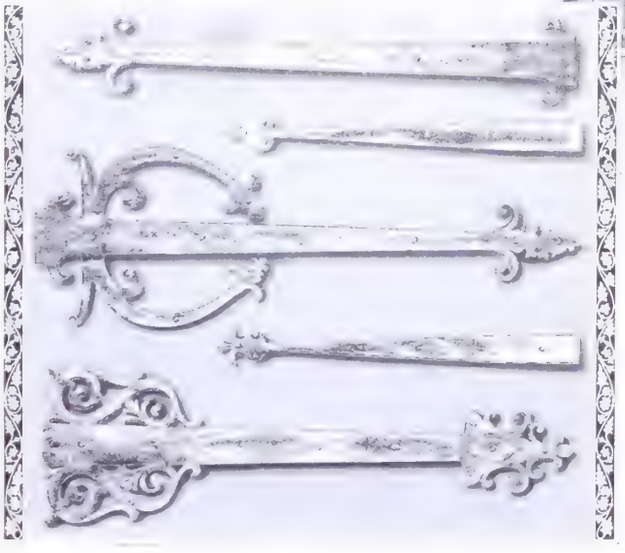
This breakfast set of Colonial pieces with daring Chinese decorations is one of many described in the Leavens Catalog and illustrates how unusual and strikingly beautiful effects may be obtained through Leavens' artists and decorators. You may buy this exactly as shown or you may order it finished, stained or painted and decorated to harmonize with your own interiors. Pieces may be secured singly or in sets as you choose.

LEAVENS *Furniture*

From such Historic Doorways as this comes the Inspiration for McKinney Forged Iron Hardware.



Doorway of Sutton Place located in Surrey, England. A splendid example of the artistry which forms the background for the Forged Iron Hardware created by McKinney



A REGRETFUL sigh is quite permissible when contemplating the difficulties of recreating under modern conditions the marvelous beauty of such dwellings as that illustrated here. Much money is necessary; skilled artisans; and, above all else, *time*. For the thousands of lovely details which added their charm to the stately dwellings of former gallant days cannot be reproduced except over periods of years. Who can wait so long!

And yet—the *spirit* of some of them can be caught. The inspiration for Forged Iron Hardware by McKinney has come from the masterpieces of metal craftsmen who did their part in beautifying these great mansions. In every line and curve of the McKinney Iron one feels the sturdy ruggedness of character, the harmony of proportion, the masterly texture which marks the forging of iron as the work of an artist. The Warwick Design catches the true spirit of Early England. In the McKinney Alhambra and Etruscan patterns one feels the influence of sunny Italy and Spain. The Heart, Tulip and Curley Lock reflect the directness of purpose and grace of line held in our Colonial architecture.

McKinney has made this authentically designed Forged Iron Hardware available for houses of even modest size and cost. All essential pieces are included for trimming a house complete: hinge straps of great strength and beauty; handle sets, lever handles, H & L hinges (for corner cupboards, too) mail boxes, knockers, garage and gate sets.

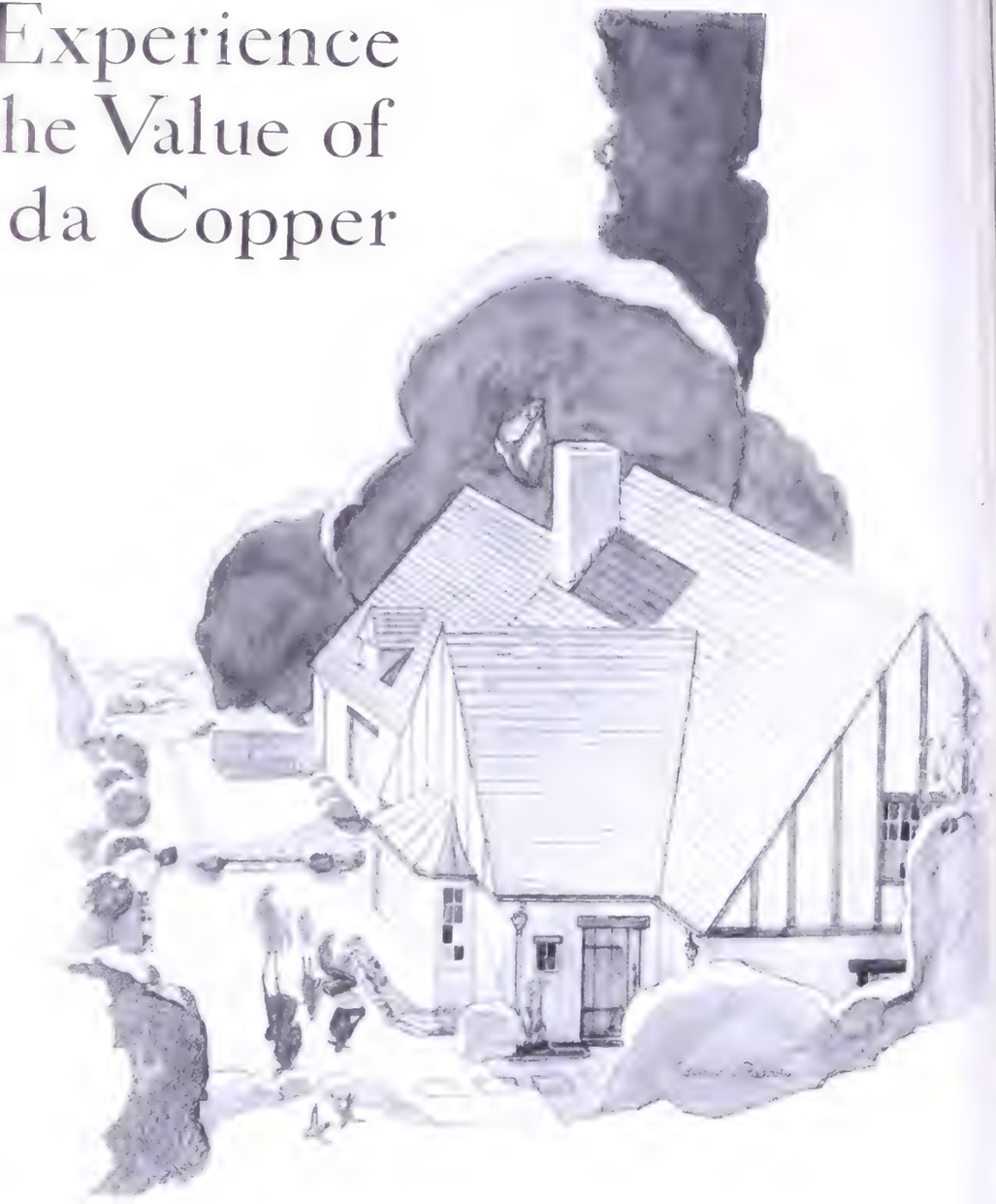
Every piece is rust-proofed, with a texture and finish rivaling that of its original predecessors. Builders' Hardware Merchants carry it in stock. Many pieces such as lanterns, knockers and fireplace equipment may be had at Department or Electrical stores. A Catalog will explain some of its charm, but there is nothing to equal seeing McKinney Hardware itself. McKinney Mfg. Co., Pittsburgh, Pa.

McKINNEY
FORGED IRON HARDWARE

From [illegible] *McKinney Mfg. Co., Pittsburgh, Pa.*
Please send me, without obligation, the items I have checked:
☐ Folio on Lanterns
☐ Brochure on Forged Iron Hardware
Name _____
Address _____

Every-Day Experience Proves the Value of Anaconda Copper

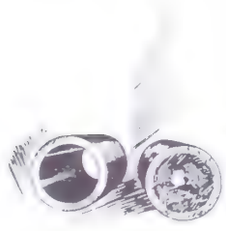
for Gutters Rain Pipes Flashings



THE minute you own a home you discover many new interests... selection of rugs, furniture, a brighter kitchen, perhaps a more brilliant garden... possibilities without end. But if, some day, you face the necessity of replacing rusted gutters or rain-pipes, it will not only be an inconvenience but perhaps upset your budget and interfere with some of the other things you were planning to do.

To use other than carefully made sheet copper for gutters, rain-pipes, valleys and flashings, is to invite trouble. Metals that rust when exposed to weather must be repaired and replaced all too soon in spite of paint or other surface protection.

Every-day experience proves the value of pure Anaconda Copper for protecting your home and your investment. If the house is average size, copper will save $24 a year that would otherwise be spent for repairing and replacing rustable metal. As long as your house stands, you need never replace gutters, rain-pipes or flashings of this rustless, time-tested metal made by the world's largest producer of copper, brass and bronze.



Anaconda Copper cannot rust — year after year of snow, ice, hail, rain and moisture have no effect upon it. Yet Anaconda Copper is not expensive ...its initial cost is slightly higher than the cost of rustable metals, but it will pay for itself many times over in the repairs and replacements that it saves. Your architect or builder will be glad to give you comparative figures.

Rust-proof the entire house

For only about $450 more than the cost of rustable metals, the average $15,000 house can be completely rust-proofed... with gutters, rain-pipes and flashings of Anaconda Copper... with Anaconda Brass Pipe for hot and cold water lines ...with screens of Anaconda Bronze and with hardware of solid Anaconda Brass or Bronze. These rustless metals pay for themselves many times over, and always prove an added attraction when the house is sold. Write to our Building Service Department for a copy of the new booklet, "Rust-proofed," or for any information you may require. The American Brass Co. Waterbury, Conn.



in perfect condition, while the iron pipe is almost entirely clogged with rust and ... few years, the brass pipe proved much was slightly higher.

ANACONDA COPPER
BRASS ANACONDA BRONZE

Screens of Anaconda Bronze Wire are so much more economical than corrodible screens that their installation is an unusually logical step in rust-proofing the home. They cost only about $18 more than corrodible screens for the average eight-room house.



When Grandma Comes to Live with You

Will the "Room of her Own" be Cheerful . . . or Cold?

SOONER OR LATER *to every house an old and lonesome person will come to pass the declining years. It may be a mother, father or grandparent. They ask little. They should have a room with all the comforts that are found in every house built with Celotex.*



WHEN you grow old, you, too, may live in a house run by younger people.

To old people, a house is kind or unkind. They spend most of their time indoors—usually in a room upstairs set apart for them. This room can be chill in winter—baking hot in summer—an unkind room in an unkind house. Or it can be cheerfully warm in winter, refreshingly cool in summer—a kind room that is sought, not avoided; loved, and not dreaded.

A building material makes this difference—a remarkable building material called Celotex that shuts out winter's icy blast and summer's stifling heat. There are more than 7,000 such homes already built and more going up every day. They cost from 25% to 35% less to heat.

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In the house that is built with Celotex families are happier, lives are brighter—for the children, for the breadwinners and for the old. In your own community, homes are being built this way. They are homes that are all the architect means when he speaks of "a home," and they are all that the poet means when he sings of "home."

You can identify these homes, and the builders of them, by the Celotex sign . . . the sign of a well-built house.

Forward looking builders display this sign. To know these men is to be nearer to the ownership of a more modern home.

For complete information write for the book, "Year 'Round Comfort with Fuel Saving." Learn how Celotex comforts may be had in homes already built. Address The Celotex Company, 645 N. Michigan Avenue, Chicago, Ill.

CELOTEX
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Each of the homes illustrated is equipped with a Quiet May. Names and addresses of the owners on request

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St. Louis, Mo.

Architect
H. T. LINDEBERG

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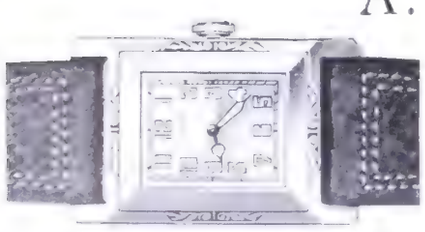
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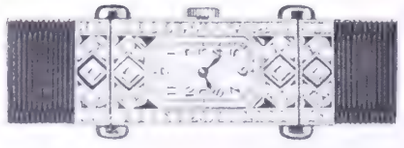
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This little hillside home, with its Fenestra Casement Windows overlooking a sunny California valley, was awarded first prize from a field of over two hundred contestants in House Beautiful Magazine's recent Small Home Competition.

Some of the major factors which led to the unanimous preference of the judges were: simplicity, household convenience, and harmony between house and site. That Fenestra Casements contributed to these and other advantages is shown by:

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What the Builder says: "I have used your Fenestra Casements in the First Prize House and like them very much. They are simple and easy to set and adjust, and do not get out of order. *H. C. Kidder, Berkeley, Cal.*

What the Owner says: "Beauty, easy operation and cleaning, the providing of plenty of sunlight and fresh air, and low cost are some of the things I like about my Fenestra Casement Windows." *(Owner's name upon request)*

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If you plan to build a new home you will find many helpful suggestions in the new booklet, "Decorating with Casements." In its preparation, W. & J. Sloane, Inc., New York City, Marshall Field & Co., Chicago, and the J. L. Hudson Co., Detroit, assisted. Would you like to have a copy—free?—a postcard will bring it.

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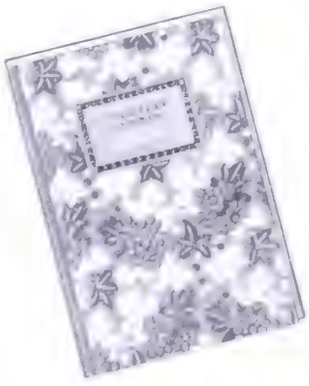
"STYLES IN DRESS," says Baron Lvemare, "change by the season; styles in motor cars, by the year; styles in furniture, by the decade." This is essentially true.

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This modern suburban home is equipped with Lupton Casements throughout, for only $400

Snug fitting when closed, opening smoothly outward for ventilation, easy to screen and to curtain in good taste, Lupton Casements of copper-steel make every room more enjoyable and add a note of modern style to the entire dwelling. With all these positive advantages, you can install these windows throughout your home for remarkably little money.



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Correct, durable screening adds not only this new touch of beauty, but extra value which is cashable in case the house is ever offered for sale or rent.

How can you get these artistic, dependable screens for your home? By placing your order with a member of The Screens Manufacturers Association of America, a group of experts who have been designing metal and wood screens for periods ranging from twenty-one to thirty-six years.

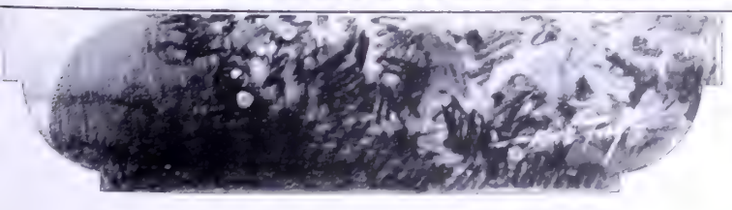
A rich background of training and experience enables them to treat each opening as an individual problem and provide exactly the right screen for it. Your home equipped throughout with Association designed and fitted screens will be much more attractive and surprisingly more livable.

When to order screens

As screens can either mar or enhance architectural beauty, they are logically considered one of the basic essentials of the well-built new or remodeled home. Therefore, they should be selected not only as carefully, but as early as the other important building materials. Include them in your original plans, entrust the order to a member of the Association when you place your other contracts, and you will be certain of having them made correctly and on time.

Return the coupon today for free book of suggestions on the right way to screen the home, and also name of the nearest member who will give you estimates without charge or obligation.

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A subtle note *of* Old World Luxury

can be built into the interiors of your home at trifling cost. For furniture, fabrics and bibelots alone won't create the rich effect you desire.

SOME rooms you enter are immediately impressive. Somehow they seem to breathe a subtle note of old world luxury, usually the distinguishing feature of homes in good taste. You look for what has created the effect, and at first it eludes you. Then you realize that it is the *background of the room itself*, with the usual monotony of line relieved by a tasteful use of plaster ornament.

More and more, experienced designers of interiors are coming to realize that furniture alone, even though carrying out a complete scheme in itself, will not create that luxurious harmony that distinguishes the unusual room from the commonplace. Wall surfaces and ceilings, too, must be in keeping. Sometimes just a suggestion of ornamental plaster will suffice—perhaps a rich molding, a delicate arch, an interesting ceiling. Through this plastic medium, a touch of the architectural detail of any period can be incorporated in even the simplest schemes—and at very little cost.

Consult your architect. He will have the complete catalogues of the six firms listed below, from which to select designs adapted to your own individual needs.

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RENAISSANCE OAK

. . . finished in warm, rich brown tones

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INTELLIGENT designing of Oak has brought about a new interest in "the sovereign wood," and resulted in a new style. *"Renaissance Oak"* is offered as the first, truly American period. A period of grace and beauty, based on the glorious styles of the Renaissance and finished in warm, rich, brown tones, suggestive of the age-mellowed antiques harking back to the periods which inspired the designs.

"Renaissance Oak" assures not only style smartness, but also heirloom quality, characteristic of Oak, proverbially enduring. See this lovely new period in those shops known for sterling quality, shops enjoying the franchise of furniture manufacturers recognized as style leaders.

If you delight in beautiful, well-considered interiors, are planning refurnishing or remodeling, you will treasure the beautiful 80 page brochure *"The Charm of the Sovereign Wood,"* which the accompanying coupon will bring you, free.

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Furniture for your Children's Children



Oak Service Bureau, Hardwood Manufacturers Institute, Room [illegible] of Commerce Building, Memphis, Tenn. [illegible]

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House shown is our design 621

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The style and beauty of Face Brick, made possible by an unlimited variety of colors and textures, are united with great endurance and economy. The owner of a Face Brick house gains by lower maintenance costs and slower depreciation. He enjoys greater fire safety and year 'round comfort. And all this at a negligible difference in first cost.

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"A New House for the Old"—an interesting free book on remodeling.

"The Home of Beauty"—containing 50 two-story, six-room houses. Wide variety of designs. Sent for 50 cents.

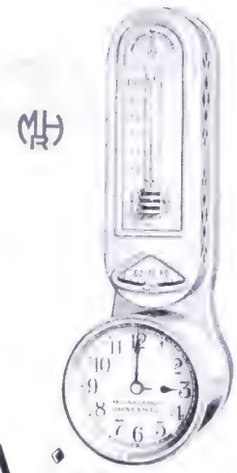
"Face Brick Bungalow and Small House Plans"—Four booklets showing designs and floor plans for attractive 3 to 4-room, 5-room, 6-room and 7 to 8-room houses. Each 25 cents. Set, $1.00.

AMERICAN FACE BRICK ASSOCIATION
2121 *City State Bank Building*
Chicago, Illinois

The distinguished home is built of

FACE BRICK





When Spring Is in the Air Homes Are Easily Overheated

—and Dangerous Colds Result

It is now generally believed by authorities that colds are most often caused by overheating, followed by sharply fluctuating temperatures—a condition common in homes with manually operated heating plants.

Too much heat stimulates a rich flow of blood to the mucous membranes of the nose and throat. Then a sudden drop drives this blood abruptly into the interior of the body, leaving the tissues of the breathing tract weakened and impoverished —an easy prey to invading germs.

Government statistics show that diseases connected with our breathing apparatus cause more deaths than any other single cause, even dreaded cancer and heart disease. These respiratory diseases, in fact, account for about one death in every five—and each of them may have its root in the common cold.

Fortunately, the remedy is ready at hand—within reach of every household. Years ago, inventive ingenuity developed devices for keeping the room temperature uniform by automatically controlling the heating plant.

Automatic Heat Control Prevents Overheating

It is, of course, a demonstrated fact that uniform temperature is impossible with old-fashioned hand regulation. Over three million people already live in homes provided with automatic control, because they are unwilling to forego the luxury of even heat and warm rooms to dress in without bothersome fire tending.

Comfort, Convenience, Economy Other Benefits of Heat Regulation

Today when the subject of health is receiving more attention than ever before, automatic heat regulation has become a vital necessity for the protection of your family. Moreover, you gain all the other benefits so many people now enjoy. The clock control permits you to sleep straight through until rising-time, without the unpleasant necessity of getting up in a chilly house. You are relieved of the bother of operating dampers and drafts by hand. And you save fuel by preventing overheating.

Get complete facts at once on the Minneapolis-Honeywell Heat Regulator. Learn how easily you can install it on your present heating system, burning any fuel. Ask about our Budget Plan, providing for easy payments during the heating season. Our nation-wide organization is ready to serve you. Free booklet on home heating sent on request.

The Masterstat For Oil Burners



Prevents your heater from reaching wasteful, destructive temperatures. Avoids firing a dry boiler. Requires manual resetting if anything goes wrong. Easily installed if you already have automatic control.

MINNEAPOLIS HEAT REGULATOR HONEYWELL

MINNEAPOLIS - HONEYWELL REGULATOR COMPANY
(*Also manufacturers of Jewell Temperature Regulators*)

Executive Offices: MINNEAPOLIS

Factories: MINNEAPOLIS, MINN., AND WABASH, IND. *Branch and Distributing Offices:* New York, Chicago, Philadelphia, Boston, Detroit, Cleveland, Providence, Newark, St. Louis, Cincinnati, Milwaukee, Pittsburgh, Baltimore, Washington, D. C., Buffalo, Syracuse, St. Paul, Denver, Los Angeles, Portland, Seattle, Hartford, New Haven, Springfield, Mass. *In Canada:* Montreal, Toronto, Windsor, Winnipeg, Calgary, Vancouver. *Agencies in almost every city.*



"No Siree! No red, rusty water in *this* house."

"I GET a heap of satisfaction out of putting brass pipe in people's houses.

"You see, son, it'll never rust or clog up, and they'll never need new pipes. As long as the house stands, the water will flow full force...and clean and clear as spring water. That's the kind of pipe it *pays* to put in.

"And the folks who make this pipe are so sure of it...and so proud of it...that they stamp this here Alpha mark right on the pipe which guarantees that it'll always work right. You'll never see any rusty water from this pipe!"

But all brass pipes are not the same. Alpha Brass Pipe is better because it contains more copper and lead. Plumbers prefer it because it cuts cleaner and sharper threads, making leak-proof joints. It positively cannot rust, and the Alpha trade-mark, stamped every 12 inches, guarantees it for soundness and satisfaction.

ALPHA BRASS PIPE

made from a special kind of

Chase Brass

Send for interesting booklet, "Alpha, The Story of a Water Guide."
Address: Chase Brass & Copper Co., Incorporated, Waterbury, Conn.



THE distinctive effects easily obtained with Johns-Manville Asbestos Shingles are well illustrated by the roof colors of this house at New Rochelle, N. Y. This roof is of Colorblende Shingles in random exposures The cottage below shows the pleasing and economical French style of roofing by the use of Johns-Manville Hexagonal Asbestos Shingles.

Roofs that add charm to a cottage, or distinction to a large house



FIRST of all your home must look well. Modern taste demands color in the roof. But it must be harmonious color, soft, warm, smart because of its simplicity. Such are the colors of Johns-Manville Asbestos Shingles. They are natural rock colors as everlasting as the shingles themselves.

Johns-Manville Asbestos Shingles are unharmed by the elements. Fire, wind and water cannot hurt them. They will not burn, curl, rot nor leak. They make a roof that is really permanent—one under which your grandchildren's children may play. Yet their first cost is low, and it *ends your roofing expense.*

Permanent Charm—Always Fireproof

The thick, sturdy construction of these shingles and their pleasing texture is unique. Roofs covered with them have the "shadow lines"—the subtle note of quality that good taste demands.

These shingles satisfy the desire for beauty which you share with all who take pride in their homes. To win the battle against fire and decay, to adorn your home—roof your new house or re-roof your present home with Johns-Manville Asbestos Shingles. Whichever you do you will have laid a roof that will never have to be replaced. You will have added to your home, and to your neighborhood, a touch of unobtrusive beauty which will be permanent.

There's no mystery about roofing

Roofing is either fireproof or it is not. Either it is *permanent* or it is of uncertain life. Either it is solid, thick, distinguished, smart; or it is thin, cheap looking, commonplace. Either it is an ornament to your house or something unpleasant to the eye.

Everyone knows Asbestos will not burn. Johns-Manville Asbestos Shingles are really fireproof. Asphalt shingles are "fire resistant." Johns-Manville Asbestos Shingles are permanent. Asphalt shingles require replacements. Johns-Manville Asbestos Shingles are solid and substantial to look at.

Put Johns-Manville Asbestos Shingles on your roof. Any contractor, building material or lumber dealer can furnish you Johns-Manville Asbestos Shingles. If he does not stock them he can get them from one of our Authorized Distributors. Be sure to get the certificate which goes with every genuine Johns-Manville Asbestos Shingle roof. Your roof will then be recorded together with the name of the roofer, and that of the dealer who supplied the Shingles. This certificate insures you the protection of our full guarantee.

JOHNS-MANVILLE MASTER OF ASBESTOS

Johns-Manville was the pioneer developer of asbestos. Without the many uses to which this remarkable mineral is now put, modern industry could not exist, nor would modern life be as comfortable as it is.

Improved Asbestocel which insulates the heating pipes in modern homes and saves tons of coal, high pressure insulations for the great steam mains of power plants and large buildings are Johns-Manville products. So also is Johns-Manville Asbestos Brake Lining—a dependable, powerful, positive control for motor cars at all speeds. Hundreds of other Johns-Manville Asbestos products save money and trouble for engineers, and for railroad and industrial executives.

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ASBESTOS SHINGLES
BRAKE LINING AND INSULATIONS OF ENDURING FIREPROOF ASBESTOS

FREE—Booklet of Color Combinations for Roofs

JOHNS-MANVILLE CORPORATION
New York, Chicago, Cleveland, San Francisco
Canadian Johns-Manville Co., Ltd., Toronto
(Mail coupon to branch nearest you)

Send me your free booklet showing how to choose the roof most suitable for my house.

Name _____

R-27

Address _____

A WOOD THAT FIGHTS ITS OWN BATTLES

—*whether you paint it or not*



oldest frame house in the oldest American settlement. Unpainted, this cypress house at St. Augustine, Florida, is still in good condition, after 250 years.



Durable Tidewater Red Cypress was used in the construction of this lodge on the Vincent Astor estate at Port Washington, Long Island. Aymar Embury II was the architect.

EVEN without the protection of paint, Tidewater Red Cypress can be relied on to resist rain and rot for many nerations.

int is desirable, of course, where you want the charming ect that only a painted wood surface can yield. But ex- sure of cypress to weather need never concern you.

cause of its freedom from repair bills, its moderate initial st, and its low upkeep cost, this Wood Eternal is the most onomical lumber you can employ.

cause of its beautiful grain, its smoothness of finish, and resistance to warping, Tidewater Red Cypress is the most autiful lumber you can use—inside or outside.

rely you will want your home to be one of enduring beauty. Surely you will want to maintain it economically. Surely, then, you will want to build with this Wood Eternal.

But when you order, be careful to specify, "heart grade Tidewater Red Cypress," for exterior use, as only coastal type red cypress has these qualities of beauty and durability.

"Money Saved for Builders"—sent free

Attractive modern homes and beautiful old homesteads are illustrated in "Money Saved for Builders." This is not a book of commonplace printed plans—it merely suggests dozens of ideas. (To get just what you want in your home, retain an architect—he usually saves you more than his fee.) This booklet tells the whole, interesting story of cypress, tells how to cut down the cost of your home, and how to make it more attractive. It's yours for the asking. Slip the coupon into an envelope today.

Specify TIDEWATER RED CYPRESS

THE WOOD ETERNAL



SOUTHERN CYPRESS MANUFACTURERS' ASSOCIATION
1st Barnett National Bank Bldg., Jacksonville, Fla.

GENTLEMEN:
"Money Saved for Builders" sounds like good news. Please send me the booklet.

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Address .....

"Look Mother! I can work it with *two* fingers!



and Presto! the screen disappears like magic!



You'll find ease of operation combined with rugged strength in every Higgin Screen, regardless of its size, shape or type. The roller screens appear or vanish at the touch of a finger; the hinged screens swing smoothly, silently inward or outward like the casement windows they adorn. The snug simplicity of Higgin All Metal Sliding Screens for double hung sash is a perpetual delight.

This ability to equip every door and every window with the type of screen best suited to the architectural harmonies and to the convenience of the housewife, gives to the Higgin Organization its unique position of leadership.

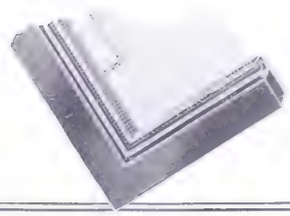
Our recommendations are not qualified by manufacturing limitations. We have only one interest to serve--*yours*. There is a Higgin representative within telephone call of your home or office, ready to assist your architect in solving the screening problem of your new home or to bring Higgin protection, convenience and comfort to your present home.

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Screens that last longest, cost least -- Higgin Screens last



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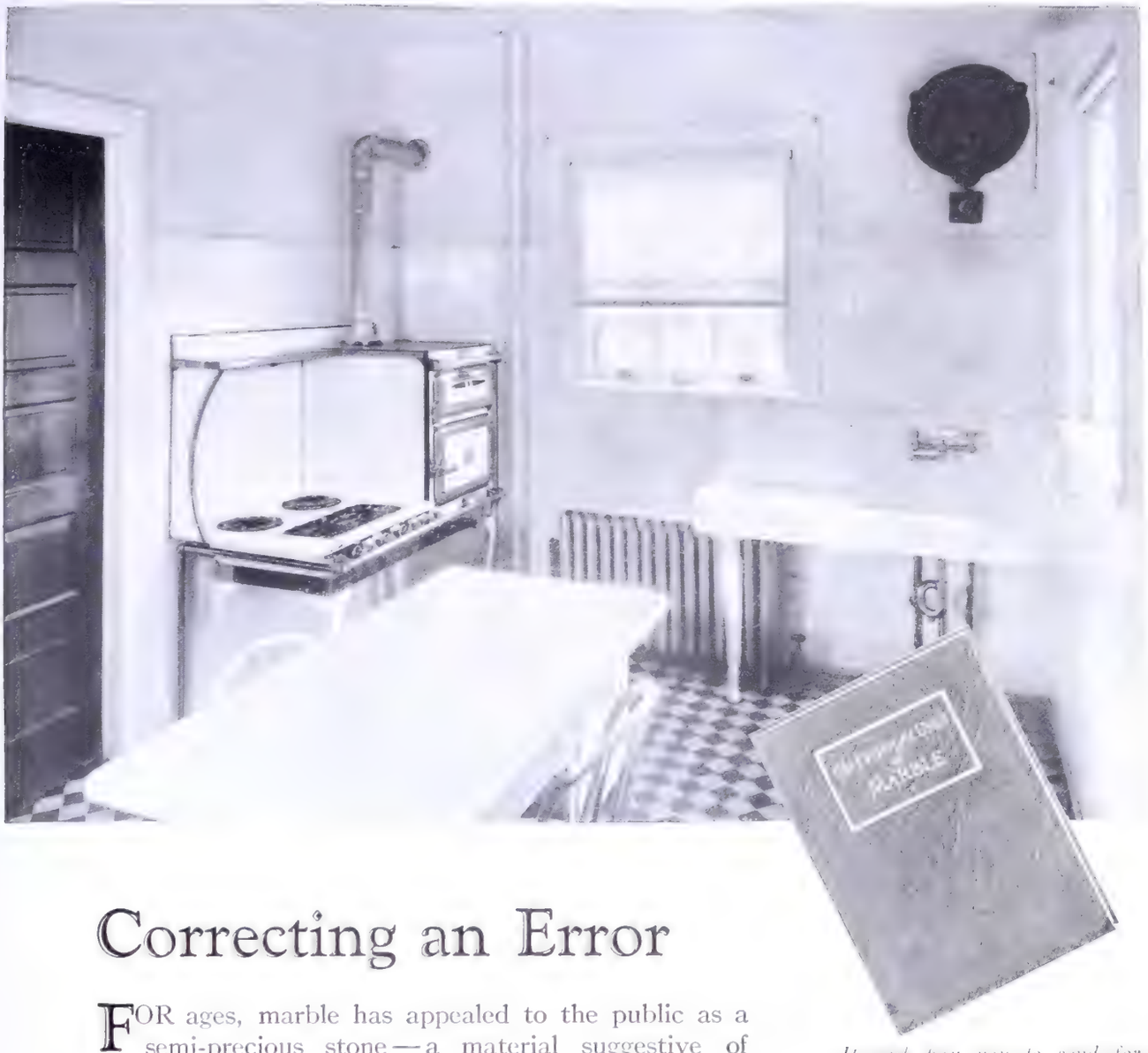
THE HIGGIN MANUFACTURING COMPANY,
31 Washington Ave., Newport, Kentucky

Please send the books checked ☐ Screen Book ☐ Weatherstrip Book

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City_____ State_____



Correcting an Error

FOR ages, marble has appealed to the public as a semi-precious stone—a material suggestive of wealth, luxury and culture. To suggest, then, that you consider marble as an interior finish on the basis of its *ultimate economy*, might appear a bit unusual.

And yet, all about us are forceful examples of marble treatments that were installed principally because of this very fact.

It will pay you to send for the handsomely illustrated booklet, "The Everyday Uses of Marble." It gives the facts about marble treatments in many different types of buildings, including the home and garden. A copy is free for the asking—write to Department 6-E.

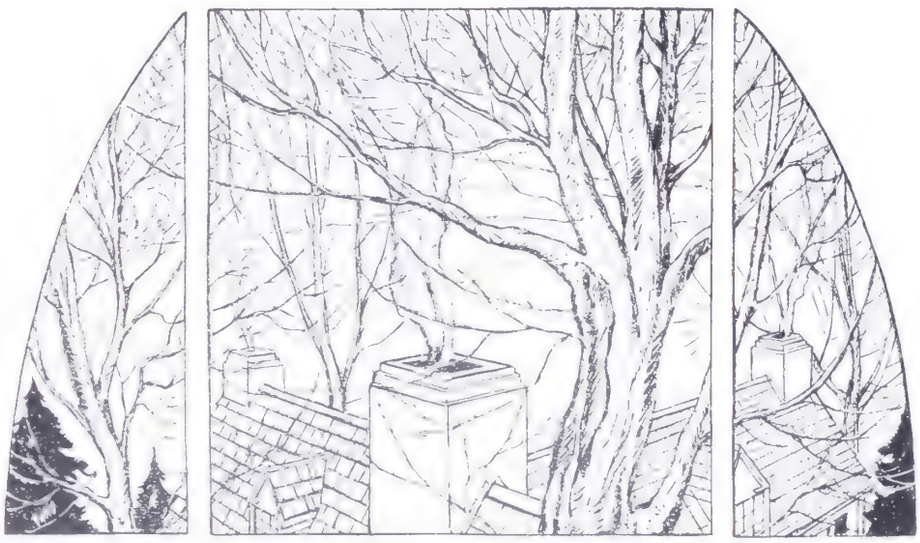
Bathrooms, sun parlors, living-rooms and even kitchens are profiting in appearance, low upkeep costs and actual cleanliness by the extensive use of marble; and gardens have taken on a new beauty because of its everlasting charm and inimitable colorings.

There is No Substitute for Marble

NATIONAL ASSOCIATION *of* MARBLE DEALERS

ROCKEFELLER BUILDING - CLEVELAND - OHIO

Do you heat the Trees or your Home?



A BOILER without sufficient fire surface wastes heat up the chimney. That is why so many homes are so hard to heat on extremely cold days. That is why so many houses are slow to heat on winter mornings. That is why so many boilers require refueling during the course of the day.

A boiler is a means for absorbing heat from the products of combustion, whether it be coal or oil, and delivering the heat into the rooms of your house where you can enjoy it. If it is to accomplish this satisfactorily, and at low cost, it must have plenty of fire surface, properly rated. Otherwise, it wastes heat up the chimney.

Our two books explain why this is so, and point out the way in which you can cut down your cost of heating and at the same time enjoy greater comfort. The titles of these two books are, "Guaranteed Heating Satisfaction at Minimum Cost," and "Does it Pay to Install an Oil Burner?" With no obligation on your part, we will be glad to mail you a copy of each of these books without charge. Simply use the coupon below. The H. B. Smith Co., Dept. K-16, Westfield, Mass.

THE H. B. SMITH COMPANY, Dept. K-16, Westfield, Mass.
Gentlemen: Without cost or obligation to me, please send me a copy of each of your two books.

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Kansas City Life Insurance Building, Kansas City, Mo. Wight & Wight, Architects. Built entirely of specially selected Indiana Limestone

or Profit Reasons, the Building World Has Turned to Natural Stone

STONE STRUCTURES of fine design have proved to be good money-makers. Such buildings attract the best tenants, remain beautiful year after year without expensive exterior upkeep, are in every way prime investments.

The most widely-used building stone is Indiana Limestone. Light in color, fine in texture, this beautiful natural stone acquires a mellowness with age that increases its appeal.

Modern production methods have so reduced costs that today Indiana limestone is being used not only for large buildings and those of monumental character, but for apartments, schools, stores, residences and many other types of buildings.

A large percentage of the Indiana Limestone going into modern buildings comes from the quarries of the Indiana Limestone Company. Formed in 1926, this Company is a consolidation of 24 of the largest properties in the Indiana Limestone district. With assets of over $46,000,000.00, it has facilities for handling any number of large—or small contract operations.

We will gladly send you an illustrated booklet showing various types of modern Indiana Limestone buildings. If your interest is in residences or some special kind of building such as apartment, school or other structure, tell us what kind and we will gladly send literature and plate illustrations. No obligation. Address, Box 750, Service Bureau, Indiana Limestone Company, Bedford, Indiana.

Write for Booklet



INDIANA LIMESTONE COMPANY

ral Offices: Bedford, Indiana

Executive Offices: Tribune Tower, Chicago

"Matchless for Comfort" *says* Mrs. Edward F. Swift *of this splendid Spring and Mattress*



Mrs. Edward F. Swift's *own personal charm and generous interest in civic progress have made her one of the best loved women in Chicago. She is a patroness of Grand Opera and a member of the smart women's clubs.*





A Bedroom in Mrs. Swift's Lake Forest Country House

Chinese Chippendale wall-paper in tones of brown and blue and quaint Victorian beaded chairs lend charm to this gracious room. The Simmons Twin Beds are Model No. 1540, equipped with Simmons Ace Springs and Simmons Beautyrest Mattresses, which Mrs. Swift pronounces "matchless for comfort."



The Simmons Ace Spring

Buoyant, enduring, yet light and easy to



Hundreds of Hidden Coils

assure the matchless comfort of the Sim-
they hold the smart boxed sides always

COLORFUL and comfortable as a country house should be is Mrs. Edward F. Swift's delightful home at Lake Forest. Many of its bedrooms are furnished with Simmons beds. And to their charm is added the luxury of equipment with Simmons Ace Springs and Simmons Beautyrest Mattresses.

This splendid spring and mattress together are "matchless for comfort," as Mrs. Swift says. They are the achievement of Simmons, world-famous as greatest makers of beds, springs and mattresses.

The Ace is the modern coil spring—sturdily strong, yet light and easily cared for. "With its detachable slip cover," says Mrs. Swift, "it is a new discovery!"

The Beautyrest Mattress combines three precious qualities: luxurious comfort, smart good looks, amazing serviceability.

Give your own home this matchless luxury of complete equipment with Simmons Ace Springs and Simmons Beautyrest Mattresses—assuring, as Mrs. Swift says, "The most restful sleep ever known!"

In furniture and department stores, Simmons Ace Spring, $19.75, Simmons Beautyrest Mattress $39.50. Simmons Beds $10 to $60. Rocky Mountain Region and West, slightly higher. Look for the name "Simmons." The Simmons Company, New York, Chicago, Atlanta, San Francisco.

SIMMONS Beds · Springs · Mattresses

{Built for Sleep}

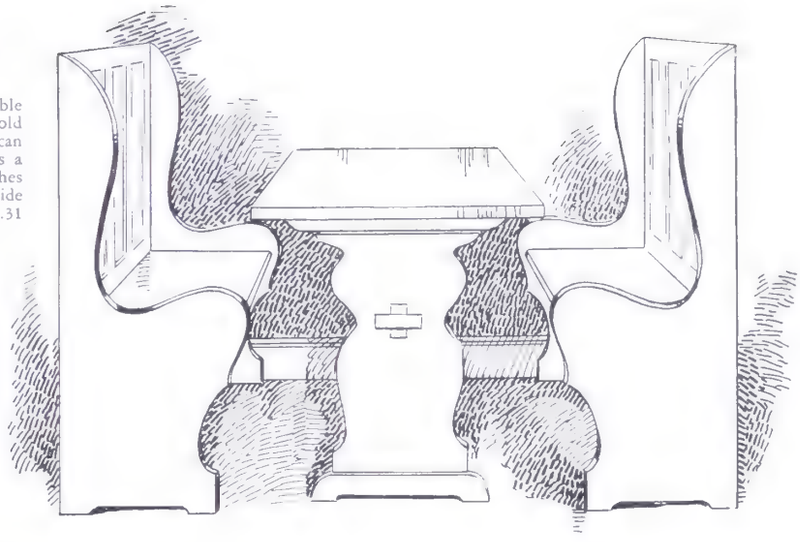


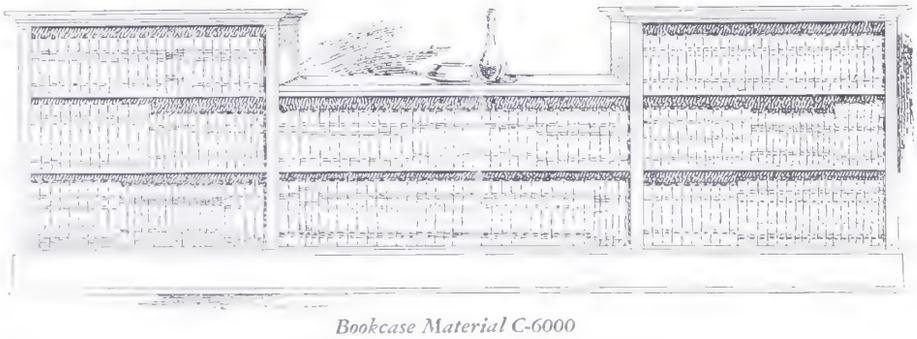
Corner Cupboard C-6504

Gay china and sparkling glassware are never more decorative than in a corner cupboard. This one is made in birch and in oak. Only 28½ inches of clear space along each wall are necessary to install it. Price $48.75 to $54.84.

Dining Alcove Set C-6600

These high-back seats and table recall the design of quaint old Colonial and early American settles. The seat occupies a space not less than 64 inches nor more than 72 inches wide by 54 inches deep. Price $39.31 to $44.22.





Bookcase Material C-6000

Curtis bookcase material comes in ends and tops, vertical divisions (10 inches deep), backs and adjustable shelves (8 inches deep), with molded front edges, in lengths from 36 inches up. Measure and sketch the space you want filled and the Curtis dealer will tell you how little it costs!

Move them in like *Furniture!*

These beautiful, practical new designs of CURTIS CABINETWORK can be put in any house or apartment . . . new or old . . . with no trouble and at very little expense.

W you can have plenty of open book helves . . . interesting corner cupboards quaint dining alcove set . . . and spacious n cupboards—all at less cost than movable ure and with practically no more trouble! se designs of Curtis Cabinetwork can be obtained from any Curtis dealer. They are delivered unpainted. You can paint, enamel, lacquer or stain them to match your furniture or woodwork.

The prices are remarkably low. The variations quoted are according to where you live; freight added in western territories.

The designs are authentic, the materials of selected quality and the construction equal to that of the finest furniture.

Ask the Curtis dealer to show you these and other interesting designs of Curtis Cabinetwork. He will also help you in selecting stairwork, doors, windows, frames, interior trim, and any other exterior or interior woodwork. The leading dealer in woodwork in your town (if you are east of the Rockies) is probably a Curtis dealer.

Or fill in and mail the coupon and get a FREE copy of our new book on cabinetwork. Do it NOW.

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Curtis Bros. & Co., Clinton, Iowa; Curtis & Yale Co., Wausau, Wisconsin; Curtis Sash & Door Co., Sioux City, Iowa; Curtis, Towle & Paine Co., Lincoln, Nebraska; Curtis, Towle & Paine Co., Topeka, Kansas; Curtis Door & Sash Co., Chicago, Illinois; Curtis Detroit Co., Detroit, Michigan; Curtis-Yale-Holland Co., Minneapolis, Minnesota.

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one Cabinet C-6910

r of this clever built-in lets down and forms a box and directoire overall 17½ inches 34 inches high. Price in 14.78 to $16.63.



Kitchen Cupboard C-6700

W[illegible] you [illegible] your [illegible] and food supplies? . . . more drawers for knives and other accessories? . . . more cabinets for pots and pans? Curtis kitchen cupboards come in [illegible] Three designs, 30 inches [illegible] inches high and 12½ inches deep, costs in southern pine, only $82.48 to $92.79.

1866 CURTIS WOODWORK



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Please send me a FREE copy of your new book with complete information about Curtis Cabinetwork.

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ELECTROL OIL HEAT IS WITHIN REACH OF ALL!

The fine things which are being said about the Electrol Oil Burner might imply that it is high priced . . . Such is not the case.

Electrol is priced within reach of all! Regardless of the size of your purse or your home, you can enjoy the advantages of Electrol heat. Economical in operation . . . Quiet . . . All-Electric . . . Entirely Automatic. Never the need to turn a hand, — yet every room always at the temperature you desire no matter how cold or changeable the weather.

Electrol, with its *Master Control*, has made dependable automatic heat a certainty. *The Master Control* watches over every phase of the burner's operation day and night like a living sentinel regulating the flow of oil, timing the ignition, governing combustion.

The 1928 Electrol is as far ahead of its field as oil heat is over coal. Wherever it is sold, you will find a complete oil heating service backed by a sound, large and growing manufacturing organization. Made in sizes for every type of building, large or small. Can be purchased on attractive payment plan if desired. Send for a copy of "The Master Furnace Man" an enlightening booklet on oil heat.

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ELECTROL

The OIL BURNER *with The Master Control*

Listed as Standard by the Underwriters' Laboratories, and bears their label.





The Vogue of Color in Bath Rooms

An inexpensive route to colorful charm—
Ret-Rac Bath Room Sets!

THESE sets come in the loveliest shades imaginable—they transform the staring bleakness of all-white bath rooms into colorful beauty—they harmonize delightfully with colors in modern tiled rooms.

Ret-Rac mats and rugs won't buckle, and always lie flat on the floor. The lid cover (which may be used as a seat after the bath) and stool cover fit snugly. They launder perfectly—never shrink and the colors are guaranteed fast to boiling. Each time laundered the colors will become brighter and the surface more like plush.

COLORS: Ret-Rac sets come in a wide range of sizes, and shades of rose, lavender, blue, green and gold.

Sold in leading stores—the individual pieces or in sets—at very moderate prices. If you have any difficulty in securing the Ret-Rac sets, just write us for information about dealers and prices.

Manufactured by

Carter Brothers
Department A
Chattanooga, Tenn.

RET-RAC

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BATH ROOM SETS

ALL COLORS-GUARANTEED FAST

MOSAIC TILES TO MATCH THE PERIOD OF YOUR HOME

AN INEXPENSIVE WAY TO HAVE PERFECT SYMPHONY IN FURNISHINGS

WHAT COULD afford a more sympathetic background for your Period Furniture than Mosaic Tiles similar to those which appeared in old world and colonial manor houses during the periods in which such furniture was originated?

There are Mosaic Tiles for rooms in which the furniture is "Period," and beautiful modern designs for rooms in which the furniture is of the present era. Thus, with Mosaic Tiles you can achieve character and charm which only this type of decorative material can impart.



Practical as Well as Beautiful

Mosaic Tiles provide a most economical treatment for all floors and walls. They banish forever the necessity for further re-painting or refinishing.

Like a china dish, they are impervious to fruit acids and stains of every description, and afford small lodgment to dust. Such soiling as may occur is usually removed with a damp cloth only. Careless servants, therefore, need little



supervision to insure that floors and walls of Mosaic Tiles are always fresh and immaculate.

These tiles are wonderful material. They never develop unsightly worn places nor will heavy furniture mar their beauty. They will not sweat, fade, scale or stain, and will last as long as the house itself.

In fact, should you ever wish to sell your home, you will find that the time-mellowed beauty of your Mosaic Tiled walls and floors has enhanced its value.



See Mosaic Tiles in Actual Use

Your Architect and Tile Contractor will be glad to show you color illustrations showing how Mosaic Tiles are used in various rooms of modern homes—large and small.

Do not complete your plans for your new



home—or for re-decorating your present one—until you have seen these illustrations and the actual tiles themselves. The possibilities for beautifying—and at comparatively small expense—through the use of Mosaic Tiles, may be a revelation to you.

Write today for booklet of color interiors. Address Dept. H.G. 5.



Modern motifs call for Mosaic Tiles



Rich color effect obtained with Mosaic Tiles

MOSAIC

"Mosaic" is the Trade Name of tile made exclusively by the Mosaic Tile Company and as stamped on back of all Mosaic Tiles. The word "Mosaic" should be used in writing tile specifications.

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DIRECTORY *of* DECORATION & FINE ARTS



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Antiques and Interiors
AST 57TH STREET NEW YORK
Telephone Plaza

WITH May Day arrives the problem of summer furnishing. The country house is summoned before us and brought to account for all that it failed in last year, and, even if it didn't, there's always room for improvement. Does the cottage need repainting, either inside or out, or will the painting of the porch and steps give it a new lease on life? What about the screens and floors—and what new furniture are you considering? A trip around town to the right places will give more than one helpful suggestion to the wide-awake shopper.

SUMMER floor coverings this season have added one more important contribution to their already long list. This is a domestic three-ply fiber rug that is made up seamless and treated with shellac to give it a smooth finish. More durable and practical for this reason alone, since furniture will slide more easily over a smooth surface than over a rough one, this type of rug is highly successful because it is not so brittle as the Japanese fiber rug and



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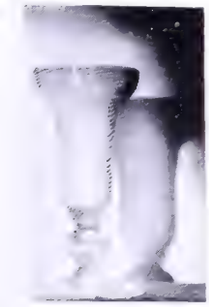
MRS. GEORGE DRAPER
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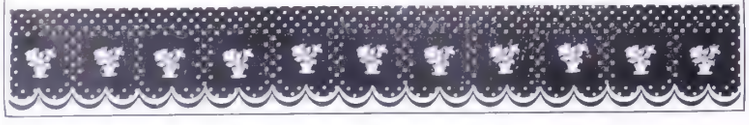
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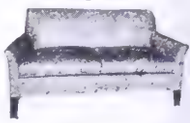
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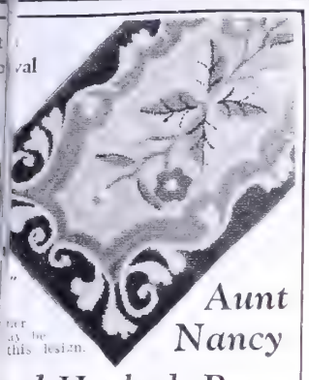


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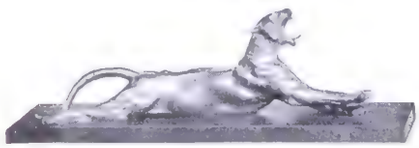


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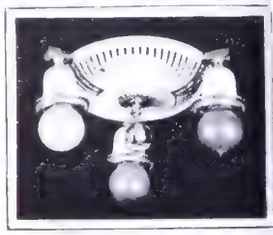
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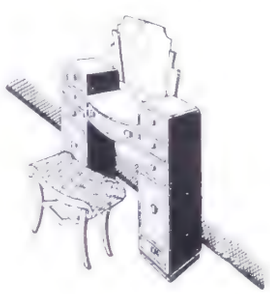


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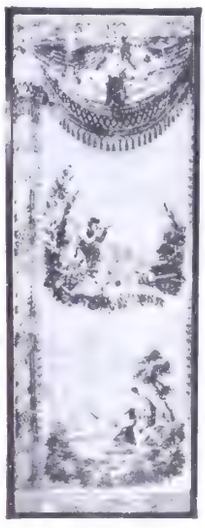
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Boston Mass.

thing else today, falls in with the modern manner, as may be seen in one or two of the new sets. One of these, consisting of settee, arm and side chairs and an unusual table, is enameled in a shade of green that matches the green leaves of the brightly colored French linen print that boasts yellow and orange flowers against a henna background. Another set done in eggshell black, and upholstered in an attractive linen print, is more restrained but none the less effective, since it, too, is developed in the most modern spirit.



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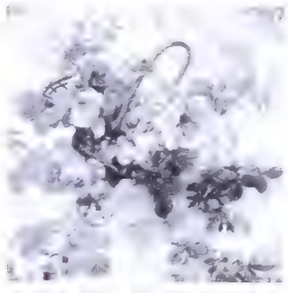
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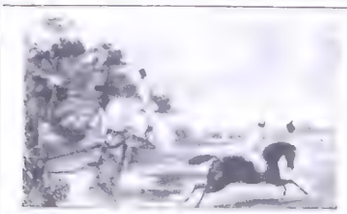
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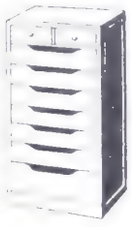
SIMPLICITY being the keynote of summer decoration, rough curtains and upholstery materials are more in the foreground than soft silks. So it is that we show a preference for quaint, old-fashioned calico pillows. The Three New Yorkers are showing cushions covered in unbleached muslin that has a finish resembling that of old ivory, and appliqued with calico in flower patterns.

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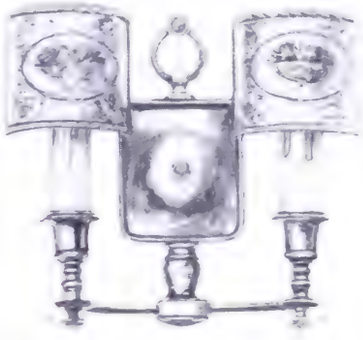
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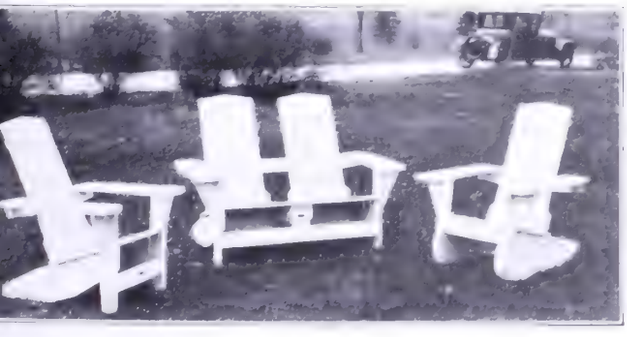
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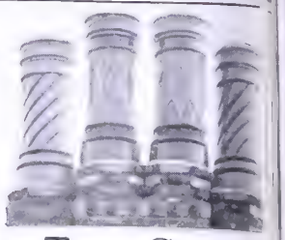
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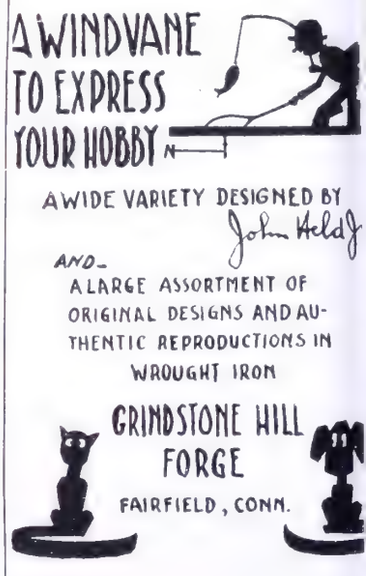
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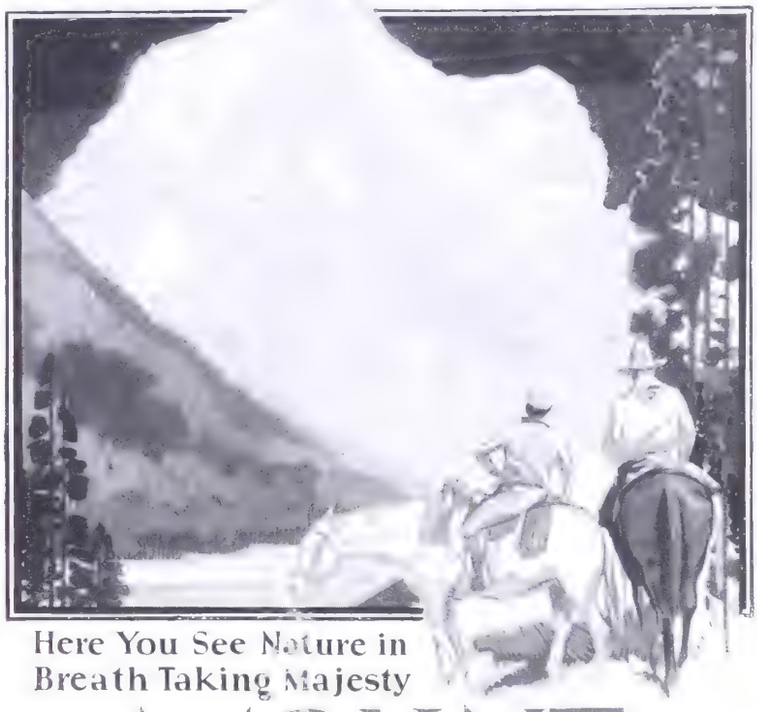
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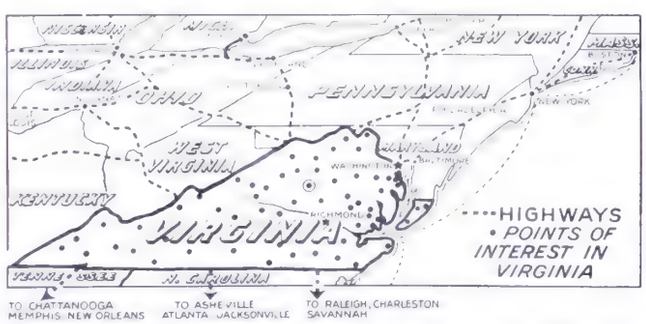
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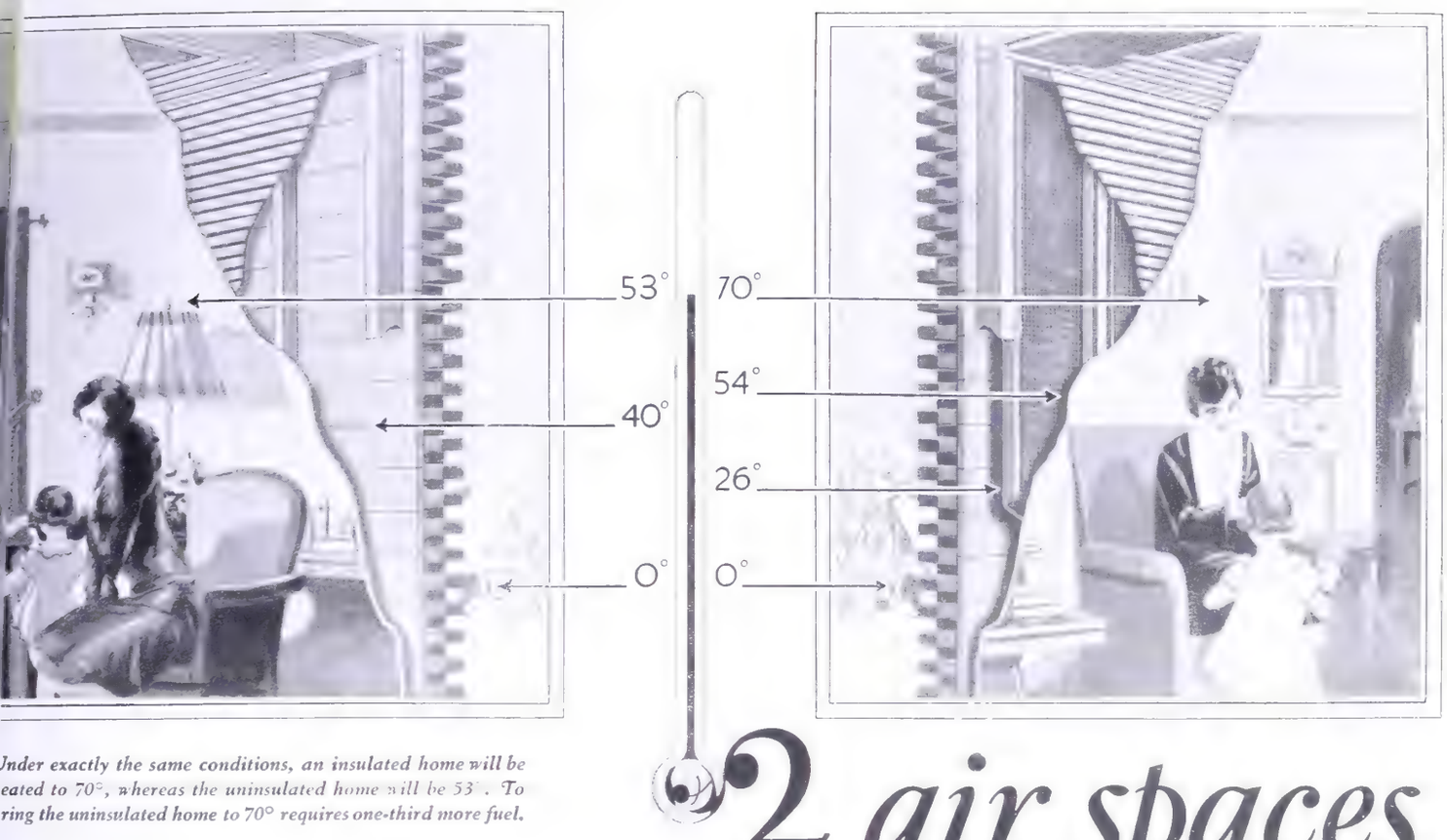
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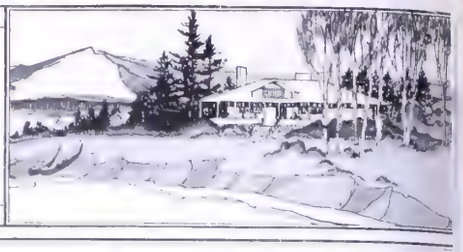
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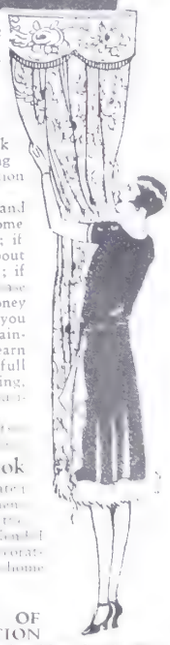
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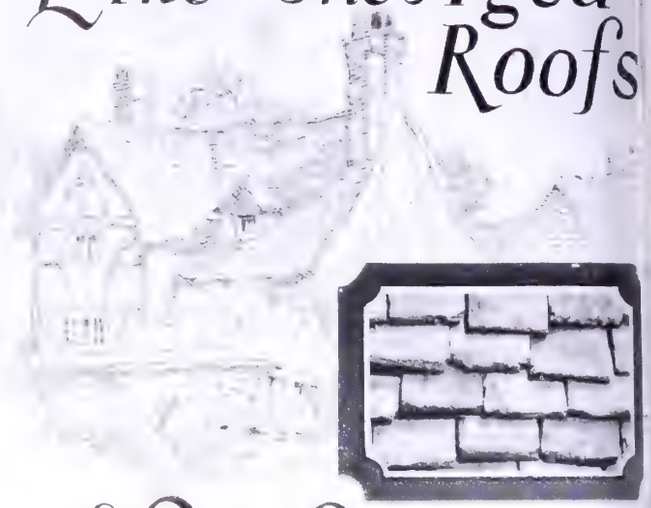
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THREE GOOD TERRIERS

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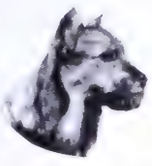
OF course, all Terriers are good. The reason for citing the goodness of these three is that relatively few people know much about them. To the majority of dog-lovers the Dandie Dinmont, Skye and Kerry Blue Terriers are not much more than rather hazy names, albeit their qualities fully entitle them to universal appreciation.

The first two of these three sporting breeds are sturdy and low to the ground, with moderately long, undocked tails, but there their close similarities end. The Dandie is generally wheaten or grayish in color and his head, partly because of the length of soft hair on the crown and its drop or "button" ears, looks domed and broad. His coat may not be esthetically lovely, but it is exceedingly practical and protective, and it covers a lion's heart. All in all, he is one of those brainy, superlatively capable big-little dogs whose character seems to call for twice their stature.

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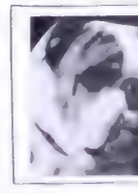


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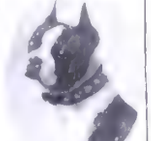


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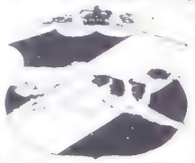
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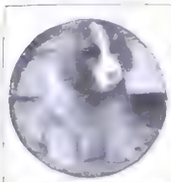


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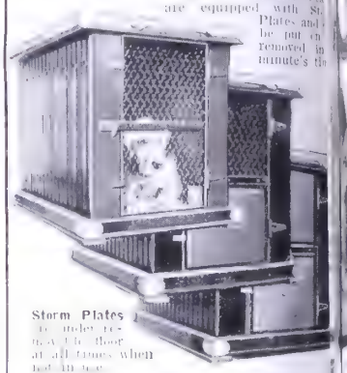
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provide, in correctly balanced proportions, all the vitality-building elements which the dog constitution requires. When fed dry, they act as an excellent "tooth-brush", cleansing the teeth, hardening the gums, and reducing the risks of pyorrhea. Sold by grocers, druggists, petshops and sporting goods dealers everywhere.

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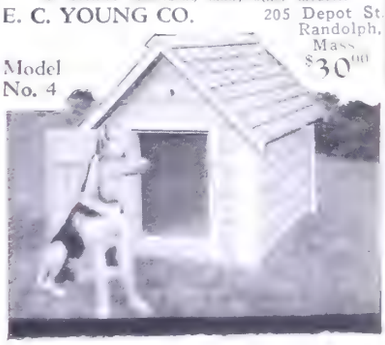
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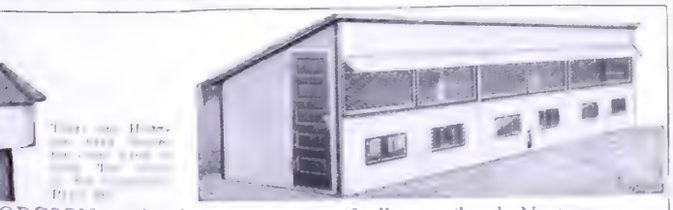
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Many old houses require little or no change of exterior for shingling over sidewalls. A book has been prepared that shows many examples of such work and tells how to proceed to do the work most economically. Ask for book, "Making Old Houses Into Charming Homes."

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Name
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Surely you'll have a fireplac

WHAT sentiment can you hope for in a home with no hearth? A place for big chairs (and not only on winter nights); a spot to make home lovable. The fireplace *alone* is almost sufficient warrant for building a house!

The beauty of a fireplace rests in the wood that's used. Foremost manufacturers of sash, doors and interior trim choose Pondosa Pine, for they know that Pondosa is well seasoned, and will saw and plane to perfection. It takes the most delicate carving. The paint will not streak or crackle, but stay smooth and clean.

What is true of Pondosa for the fireplace is true of Pondosa for every other place in the home—



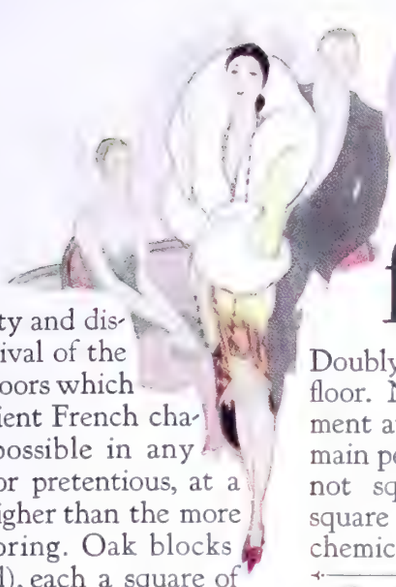


mouldings, staircases, balust[illegible] paneling for the breakfast library, den or living-room. outside.

Pondosa can be used for s[illegible] cornice work, porches, ra[illegible] and all exterior trim. In fact where that a light, easily w[illegible] wood is needed, Pondosa is ideal.

What a pleasant task it[illegible] building a home! If you re[illegible] your architect or builder t[illegible] Pondosa Pine, you will pr[illegible] yourself from any possibl[illegible] pense and disappointment on. For further information dress Dept. 10, Western Manufacturers Association, land, Oregon.

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UPREME beauty and dis-
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Largest manufacturers of oak flooring in the world



BruCELLized floors take a more beautiful and lasting finish. They are more durable, and will not change in size. Insect proof; moisture proof. 3 sizes: 6", 9" and 11" in. blocks.

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BruCELLized



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is brought about by PETRO'S *perfect five-year record*



HERE'S a new purchasing plan. It's new only because Petro is the first to be able to offer it. Now the actual comforts and joy of Petro Oil Heat in your own home help you decide!

A new, wonderful experience

The only way to appreciate what Petro does for you is to have it do it for you. You can shop a whole month among oil burner showrooms and never learn what one day's happiness with Petro means.

Petro Oil Heat cannot be compared with coal heat. What it brings to you is so new and wonderful that you forget that the hardships of coal heat ever existed! It's not the *relief* from coal heat — but the *thrill* of Petro Oil Heat that makes owners so enthusiastic. It's in never having to *think* about heat — not in *forgetting* the furnace. Not the novelty of having uniform temperature — but the modernness of never having anything else! The joy of having the house *stay* clean — not the freedom from *cleaning* house.

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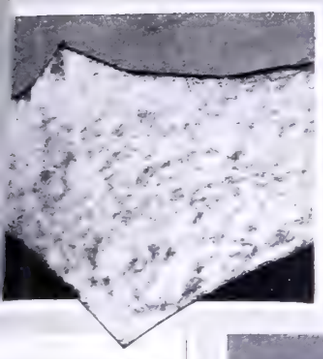
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sanitary and durable



It tucks in

— there is no other way to stop the loss of heat through cracks

There is one important decision every builder should make before selecting any insulating material for his house: *Will a rigid or flexible material be used?*

The rigid type includes the flat, stiff panels that are sawed like lumber and often used to replace wood sheathing. Flexible insulation, such as Balsam-Wool, is used only as insulation and is *added* to walls and roofs after building them in accordance with good construction principles.

Note the illustration. This workman is tucking Balsam-Wool into the cracks around a window casing. Every inch of the house can easily be made heat-tight by this method —another advantage of *flexible* insulation. Decide on this type of insulation and you will have a house that is definitely more economical to heat.

Balsam-Wool comes in rolls and in widths a few inches wider than the space between studdings and joists. *It tucks in tightly.* Use a *full inch* of Balsam-Wool throughout your house and you can practically save its cost in heating equipment plus 35% to 45% on fuel thereafter. Balsam-Wool comes both a *full inch* and half inch thick—the only blanket type of building insulation that does.

Investigate this subject thoroughly before you spend a cent. Mail the coupon now for a free sample of Balsam-Wool and our instructive booklet, "*House Comfort That Pays for Itself*"—the facts about *true* insulation.

WOOD CONVERSION COMPANY
Makers of both flexible and rigid insulation
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—the *flexible* insulating and sound deadening blanket

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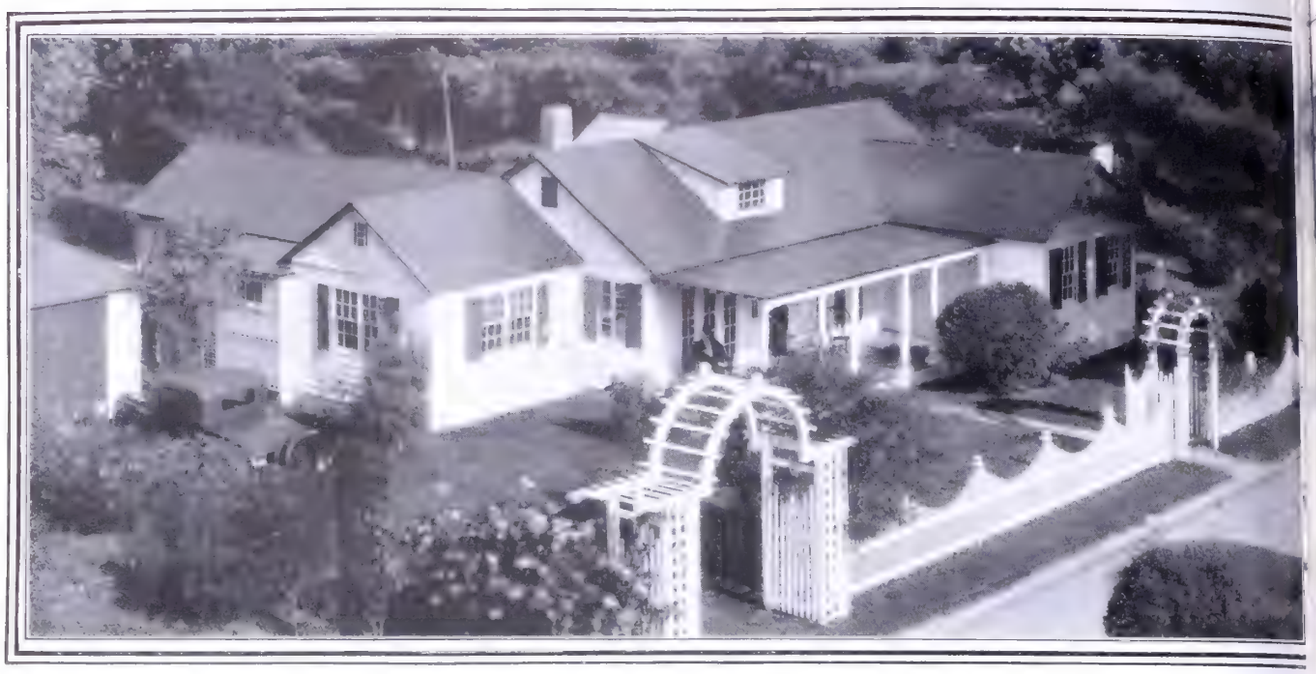
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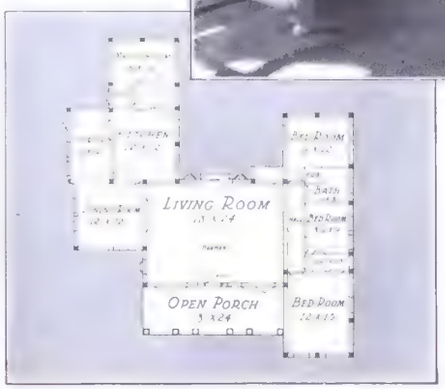
The man who hadn't time to build

Once upon a time there was a very busy man. He wanted to build a summer home up Bar Harbor way. But, he was so busy that he just couldn't take the time to talk to architects and builders and contractors and sub-contractors. . . .

One very warm June day as he was sitting in his office thinking about trout fishing and wondering if the nights were still cool down in Maine, he came across an illustration of a Hodgson House.

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...es, gardens and box-
...Large apple orchard
...y. Manor house well
...d in excellent condi-
...any fireplaces. Good
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...ouse, seven room ten-
...se. The main house
bought separately or
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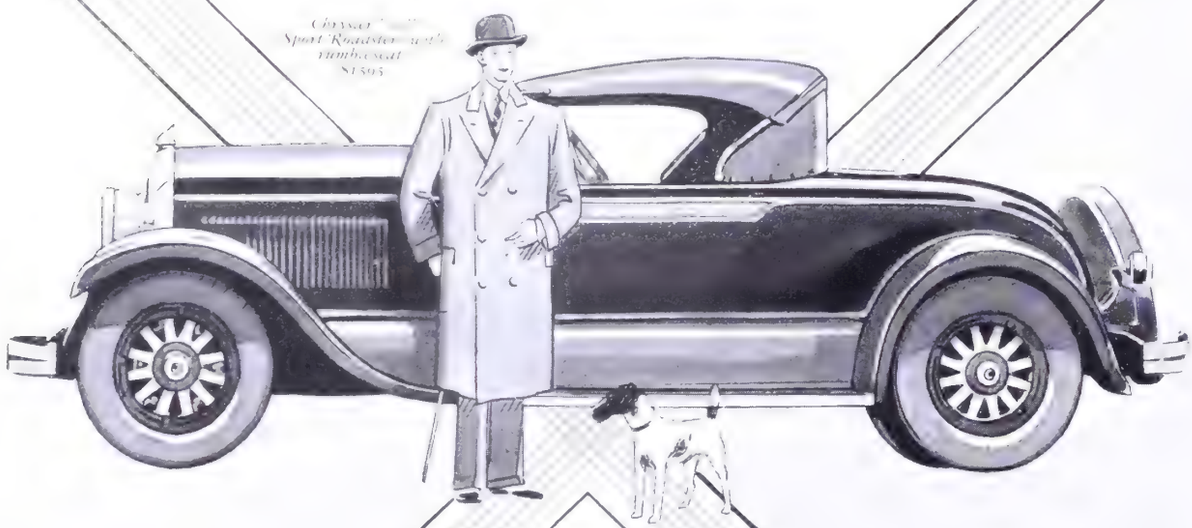
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HOUSE & GARDEN

RICHARDSON WRIGHT, *Editor*

an ancient copy of a Boston
aper, printed before the Gay
ties, there was once published
following advertisement:
wo Antique Chairs for Sale.
looms in vogue in 1776. One
t a i n s wood-borer; gnawing
ly heard.
or years now we have been
hing for a criterion by which
dge antiques. Learned persons
eminent specialists have talked
oundly on this and that. The
y trail of the faker has been
ted out to us so that we now
v it on sight. But never before
he ultimate judgment, the final
rion, the last word on what
es an antique antique been vouch-
d us until we encountered this
rtisement. Hereafter we shall
n intently for the gnawing of
vood-borer.
ow that the open season for
rican antiques has arrived, now
the countryside will shortly be
oming with countless articles
pieces of furniture that were
looms in vogue in 1776," let
ss on to our patriotic collectors
lot of wisdom been for the
ving!
ankly, we've never heard it.
have we heard a pinewood
ng to its mate in the tulgey
d. But that does not prove that
creatures do not exist. The
d-borer is very real. He is the
ent of all collectors. Learned
ographs have been written by
rts who would track him to his
and destroy him and his abun-
progeny. Verily the wood-borer
ntiques is a menace.
ut not all of us can live our

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MAY, 1928

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For Richard Sand . . . . . [illegible]
The Case of Dorothy Hale . . . . . [illegible]
Answers to Your Questions—By Mrs. Grace Dexter . . . . . [illegible]
Decorative Gay Medallions—By Barbara Bragdon . . . . . [illegible]
A Lesson from Tea Time—Drawings by Peter Hurwitz . . . . . [illegible]
Our Readers Suggest . . . . . [illegible]
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Simple Cottage for Narrow Plot . . . . . [illegible]
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Three Cottages In New Designs . . . . . [illegible]
The Gardens' Calendar . . . . . [illegible]

entire existence doing evil; sometimes in spite of ourselves, we attain virtue. Thus it is with the wood-borer. For years he has worked his way through ancient woods stalked by irate owners armed with acids, oil and gas. His name has been anathema. Suddenly around his head appears the aureole of good deeds. By their wood-borers shall ye know the venerable antique!

A word of precaution, however. Let your antique first sing with the gnawing of its borers. This will be enough to assure you that it has age. After this investigate its structure carefully, and if it is well cared for, if the sound of the gnawing is only heard by the ear, insist that your antique dealer give you with each piece an accident policy.

The other day we were entertaining a person of quality. For her special benefit we dragged from its dark corner an antique chair that was antique beyond any shadow of doubt, for its pedigree was packed with wormholes. This person seated herself gently in the chair and the next moment he was sprawling on the floor. The worms had eaten the supporting wood completely. Only by the grace of a benificent Providence did she escape injury. And it took several moments to restore her dignity and coiffure.

So it is possible for an antique to be too antique. The careful collector should listen to the gnawing with an ear attuned to the subtler shades of tone the way an impresario listens to a singer. A bass gnaw may mean grave danger; a tenor may be safe; a contralto safer; but a soprano safest of all.

VOLUME LIII NUMBER [illegible]

Entered [illegible] NEST PUBLICATIONS, INC.

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The Sampler is expressive of the qualities that most appeal to mothers. Inner character and goodness. Outward charm and refinement. A gentle whisper from bygone days in the quaintness of its "dress". Yet thoroughly modern in the variety of its sweets and the skill with which they are made.

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The BULLETIN BOARD

NGING After Meat. In the 16th Century the customary after-dinner sement was part singing. First you then you sang. Dinner over, song s were passed among the guests at able, and if you couldn't read a part ight you were as much scorned as ld be a guest today who could not bridge. Thomas Morley, the madri- writer, in 1597 tells how he went to a ner and couldn't read his part. His ess and guests were shocked. "Some whispered thers, demanding how I was brought up." next day he sought out a singing teacher so he no longer need be ashamed of his bad pany manners.

ARDENING Courses. Since a knowledge of garden practises has been added to the lifications of the modern young woman, it not surprising that some of them take to it ously. Indeed when the story of the advance- nt of gardening interest and landscape archi- ture in this country comes to be written, women ll be seen to have played a vastly important rt in it. Already a garden heritage has been ed up for the coming generations of debs and b-debs. Recognizing the necessity of education ong these lines, two specialized schools are fering short courses—the Lowthorpe School in roton, Mass., and the School of Horticulture for omen at Ambler, Pa.

THREE Good Garden Books. Contributors to House & Garden are a productive tribe. They ear fruit abundantly. They write books of sur- assing merit. From the spate of garden literature is spring we suggest three that are real additions American garden lore:

Garden Cinderellas by Mrs. Mortimer J. ox, bears the sub-title of "How to Grow Lilies the Garden." Since Lilies are fast gaining opularity and since most of us constantly meet roblems with them, this book was needed. It an American Lily book based on American onditions. We no longer need to depend on ritish writers on the subject.

Pleasure and Profit in the Rock Garden y Louise Beebe Wilder, contains the pick of those lluminating articles on Alpine gardening that Mrs. Wilder contributed to these pages. America as no greater or more enthusiastic authority on he subject. Once more we can be thankful for n American garden book by an American.

The third, *More Aristocrats of the Garden* y Ernest H. Wilson, discusses his treasures, which or some years now he has been talking about n our pages, to the enjoyment of the reader and he enlightment of the nursery trade.

THE Wrong Wilson. The remarkable photo- graph of the humming bird and the Lark- spur in the March issue was made by Mildred Ruth Wilson. Since it appeared opposite an rticle by Ernest H. Wilson, some readers gave him credit for it. While the Keeper of the Arnold Arboretum is no mean photographer himself, we [illegible] of sipping nectar with such skill as did Mrs. Wilson.

A CRY To The Book-sellers. To anybody who likes to live with books the present era is a trying one. Not that there's a lack of reading matter to suit all tastes, but that it is so abominably bound that it suits none. Don't any of the book-sellers keep a library? If they do, they must have their books rebound at once, (and goodness knows what that costs them!), for no one could live facing bookshelves filled with the awful motley of the day. Every evil shade of pale and poison green; violent oranges and bilious yellows; lightning flashes of scarlet; sickly blues; fainting lilacs, and a deadly pink that would throw any beholder into a frenzy. Innocently, imagining that the jacket is the worst part of the [illegible] stricken blind by the fury of color! Where on [illegible] fitted? Not in the bookcases. Not on the table. The only way to stand it is to hide it, or give it [illegible] nor, for that matter, buying.

Even [illegible] same author's works have a way of changing. One collects them gradually in sober green, and sud- denly finds they have turned into crimson. And then the white-backed books, and the wall paper books, and the cubist-looking books, which fairly leap at one from any niche where it was hoped they wouldn't be too apparent! No—evidently nobody is meant to keep books today, outside a mad house, unless he has inherited a fortune that permits rebinding.

No wonder the lending libraries flourish; for from them one can obtain food for the mind without a permanent curse for the eye.

PHARMACY in Private Houses. Recently night we stayed in a country house guest room whose owner must have had a druggist for an an- cestor. On the bedside table were two little boxes. We always rattle little boxes to see what is in them, and this we did to these. In one were as- pirin tablets, which are presumed to put you to sleep after too much coffee; in the other were soda mints, against the dinner of which you ate unwisely and too well. The hostess evidently had her doubts about her guests' digestion. Her thoughtfulness in this matter was so engagingly pharmaceutical!

However, in a magazine on the same night stand we discovered these friendly lines by Geof- frey Elton, "For A Guest Room":

> Pull the curtains, bring the light
> Dusk is drawing into night.
> Friend, the lamplit hours begin,
> Welcome to the house you're in.

MODERNIST Mauves. Those who are aware of such things are realizing that the Modernist has gone mauve, or, to be more pre- cise, gone pale. Most of this 20th Cen- tury work employs shaded tones of taupe, beige, gray, flesh pinks, old rose, with strong color used only occasionally for accents. Thus the walls and the curtains or the rugs in a Modernist room may be four tones of the same color with a lamp- shade or a pillow acting as vivid notes of concentrated strength. White also is being used effectively today—white satin cur- tains against a white plastered wall—and shades of cold steel have a vogue.

DECORATORS in Pinafores. Nancy McClel- land's new book, *The Young Decorators* filled us with dread at first. We feared lest a genera ion of infantile geniuses should spring up, neglecting their toys to play with chintzes, and [illegible] ping of color schemes. But having began to [illegible] t, our fears were allayed. An ex- cellent primer, this is in line with modern education, by which a child is encouraged to express itself in a practical way. Thus, if a child's bent is for color, let it do some actual decoration—paint chairs and [illegible] wall paper—instead of trying to learn self-expression out of books alone.

THE Dilemma of Big Furniture. The tall [illegible] between the level and the deep blue [illegible] Century decoration. On the one hand there is the contemporary style of furniture which hugs the ground—low sprawling [illegible] and bed a low as [illegible] When the tall man drops into the [illegible] to go to be comfortable! On the other hand let [illegible] to the country where friends have a restored Colonial farmhouse, and he must spend most of his time with his head hanging to avoid collision with the low ceilings. We know of one man near us in the country who can never be invited to dinner because he can't stand upright in the dining room. When he does come, we eat in the garden.

Looking at some of this 20th Century low- lying furniture the other day, we were disturbed by the awful thought that it must be designed for a race of runts. Then we went up to the country, noticed the miniature barrel chairs and the miniature sofas that our low-ceilinged rooms required, and we were persuaded that this must indeed be true.

THE Broccoli Legend. A notion [illegible] abroad that Broccoli, now quite popular, is a brand new creation of the vegetable world, a veritable comet among succulent brassicas appear- ing suddenly on the garden horizon. Alas, that is a legend. It has been grown in this country for many generations. *The Yankee Farmer*, a rural journal published in Maine a century ago, con- tains advertisements of the seed, and it was grown commonly for centuries before that.



THE CITY OF DREADFUL HEIGHT

Terrace [illegible] house [illegible] recently [illegible] in New York City on the [illegible] penthouse apartment houses equipped [illegible] and gardens for use by the tenants [illegible]. Here is a Classic treatment for the walls of a space of this kind. Courtesy of the Architectural Clearing House, Inc., through which the author of the following article is president



PLANTING IN THE SKY

Gardens That Thrive Atop Modern Skyscrapers Are Among the Worthy Compensations of City Living

MRS. GEORGE DRAPER

F an observant airplane visitor were to sail low over New York on a fine summer evening, he would see many more ardens than anybody else is aware of. Not e broad official parks, nor even the charmg backyard gardens hidden away in the nter of stony-hearted blocks, but the ver-increasing number of sky-gardens, erched on the tops of giant monoliths or ung on the ledges so thoughtfully prodded for them by the city zoning laws. ndividual owners know of their private ardens and those of their friends. But no ky-garden census has ever been taken on Manhattan. Which is perhaps just as well, since the figures would increase almost as rapidly as they were collected.

There are penthouse gardens on sky-climbing apartment houses, or—even lordlier yet—on the summits of those great cliffs filled with downtown or midtown office dwellers during the day, silent as peaks in Darien at night. There are gardens on setbacks—big ones, little ones, showing a hundred types of fantasie. There are

[illegible]

community roof gardens cleverly provided by a few far-seeing apartment house owners, who go even further in that they build over only half the lot. There are hotel roof gardens, too, though not as many as there ought to be when one subtracts those that carry the name without any right to it other than property Palms. There are several gardens attached to office buildings, in which clients are received by the firm at large and the lowlier members of the staff benefit to the extent of being able to gaze at Crocuses and Tulips while they work. One penthouse owner has even gone so far as to provide a little garden





Mediterranean blue.



Two red armchairs are painted the same shade of blue as the canopy, ornamented with lines in lacquer red. The settee is in a sea-green upholstered in a striking blue and red Poiret linen, and the rug is goat's hair embroidered in bright colors



ched to the service quarters in addition the more ambitious one for himself and guests. Decidedly New York is beginning to appreciate the dramatic quality as ll as the intimate comfort of these little ntry interludes set down in the middle a strenuous town existence.

To be sure, many of these gardens, ticularly those planned some time ago, end far less on growing things that d attention than on the clever use of ner materials. There is a Roman garden fine private house that gains its illusion gely from columns, colored pavement a fountain, ably assisted by plants in s that may be removed and replaced alst as easily as flowers on a dinner table. ners, again, secure a simpler country osphere by the use of painted brick, a lis, iron railings and planted areas that virtually no more ambitious than so ny window boxes. A few lead figures, it of gay awning and the usual vivid ker furniture of a country house anda complete a scheme that necessitates y little attention. Even at that, it needs re than the modernist garden whose es and flowers are all of iron, twisted he weird angles of the moment's mode.

But many of these gardens are by no means exhaust all of the possibilities which are open to them. For not only will small plants grown in pots and boxes succeed; a great many large shrubs and even some types of trees will flourish happily in unsoil. Rhododendrons, Forsythia and Privet demand no more than twelve inches of soil, though this, of course, must be well fertilized and frequently changed. Wisteria will cover a wall that begins fifteen stories above ground quite as successfully as it would if the bricks were set on good Long Island or Westchester earth.

People who like to dig and hoe may easily do all the work of such a garden themselves, securing a succession of seasonal growths to add brilliance to their more stable plantings. Others, less inclined to take their exercise at home, may call on the florist's man around the corner to supply assistance, or press into service a genial Italian friend of the superintendent. Even a semblance is possible under such circumstances, and the thought of growing one's own flowers for the whole apartment is only sufficiently attractive to coax any city dweller into enquiries about costs and upkeep.

This last, of course, is a major item to be taken into consideration when planning any kind of sky-garden. Just because the space is limited and the local surroundings not the picturesque attributes of Mother Nature will be permitted, since all will be subjected to such microscopic scrutiny. Everything must be kept immaculate. Painting must be done two or three times a year. Plants must be ruthlessly parted with the minute they begin seriously to droop. Watering must be taken for granted twice a day, and this entails not only the obvious cost in service but the securing of sufficient outlets so that the work may be done expeditiously as well as efficiently. Awnings, furniture and all the rest of the accessories must be changed or reconditioned the minute they lose their first gay freshness—and how soon they do lose it in our smoke-



One feels hopefully that the sky-garden movement has just begun. Why doesn't some theater arrange for such a thing on a truly American scale in size—tempered by taste, of course, in the matter of luxuriousness? Why doesn't the downtown business man take his roof garden for granted—with lunch to be served outside in the summertime? It would surely be good advertising as well as preventing excess doctors' bills. Why don't the architects who plan our apartment houses do so with gardens in mind as an integral part of the scheme rather than as a mere possible accident depending on the caprice of the coming tenant? In this case, they might well turn over the penthouse in something other than yellow brick and plan the cornices so that they will not prove to be too high to see over.

Finally, why don't the leading landscape architects permanently attach to their offices experts who will specialize in creating sky-gardens in sufficient variety and diversity to please all manner of tastes and all degrees of industry or laziness on the part of prospective owners? Even where space is so small that one will rarely choose to sit in the garden itself, much may be done in creating an illusion of space through the windows if the problem is attacked with imagination—something for city-wearied eyes to wander out into by day or night—something for city-jangled nerves to rest in with peace and satisfaction—a little holiday of the spirit that may easily be taken without the trouble of moving from one's comfortable chair.

One of the photographs accompanying this article shows a roof garden at a time when the man who has never owned one would be apt to consider it a dead loss—during the winter months. Yet what could be lovelier than the sight of snow, one's own untrampled snow, outside the dining room window—drifted over bush and fountain just as though one were in the country where the street-cleaning department doesn't hurry it away with shovels and fire hose the minute it comes? Such a garden has advantages that it couldn't have if it grew in country earth. For consider the drama of the office building beyond, its blackness pricked out with late-burning lights against the night sky. Looking out while one sits at dinner, one has not only the familiar country contrast of the warmth and glow within against the bleakness of the snow-powdered garden. There is, in addition, the true Manhattanite's feeling of the magic of all this—home and garden both—against the towering wonder of the greatest city that has ever risen starward through the night. A cunningly-concealed light outside the window sparkles on the snow and throws strange shadows on the old brick wall. It isn't the country, nor yet the town. It isn't the theater, nor is it taken from a Christmas carol. Its unique charm comes from the fact of its being an eerie blend of all of these. Which is to say that it is thoroughly and thrillingly in the New York manner.



enclosed, with its well-placed planting, its classic fountain niche and its background of buildings soaring to the sky. Consider the appeal of this space at night. Along the walls are cleverly concealed lights to illuminate the snow, while beyond, the blackness of the office building is pricked out with late-burning lights against the infinite sky. Such a space more than compensates the dweller in cities.
Courtesy of the Architectural Clearing House, Inc.

AROUND THE OLD MELODIUM

The Gospel Hymn Era Was An Important Step In the Evolution of Music In the American Home

THERE was a time (and it's not so far distant but many of us can remember it) when a favorite amusement in many American homes was to stand around the old parlor melodium and sing gospel hymns. Moody and Sankey had dragged their revival nets up and down the country, and the catch of souls was prodigious. Not satisfied with singing in tabernacles, people were swept along by pious excitation into making this gospel music a part of home life. The melodium became the domestic altar and the rhythm of the household was gaited to the lachrymose words and tunes of "There's A Fountain Filled With Blood," and "Throw Out the Life Line."

These hymn-singing American homes may appear amusing to the generation of today which has not known them. They belong to the era of the plush sofa and the cosy-corner, to the time when men took pride in the variety of their whiskers and women in those caudal appendages known as bustles.

Some people like to think (and they are entirely wrong, of course) that the American home was safer, purer, nobler and more firmly established in those days than it is today. They attribute it partly to the fact that the father was still the overlord of the household and partly to this custom of singing gospel hymns. Nevertheless whilst one generation found satisfaction in tunefully declaring that Heaven was its home, the others were learning the ribald words of "Everybody Works But Father." For this gospel hymn era, if the truth were told, was the last stand of the old patriarchal guards, the last vestige of that parental aloofness, of that Tsar-like fatherhood, of that Old Testament conception of what a man became when he was the head of the house; a cruel and unyielding doctrine, brought to this country by the Puritans and extending, with gradually lessening force, to the very threshold of today.

Father is a different person today from what he was forty years ago, and we have a notion that giving up gospel hymns had something to do with it.

THE mistaken notion about this gospel-hymn era was the idea that it was closely related to religion, whereas it was merely a phase in the evolution of music in the home. True, it afforded an outlet for emotion, religious and otherwise, and it was a goodly custom of united household endeavor, but, more important than these, it proved that music was the heritage and right of even the humble and the unsophisticated.

In the early days of America, music was a genteel custom for the better educated ranks of society. The music of the harpsichord and flute and violin, and the part-singing of old songs, were drawing-room accomplishments that went with fine clothes and richly endowed households. The commonalty were satisfied with folk songs and ballads printed on broadsides and sold by peddlers; music, "classical music" as it was sometimes called, was a diversion for the gentry. Before the Revolution and afterward, such centers of culture as Charleston and Philadelphia had their St. Cecilia Societies and New York and Boston their subscription concerts in which the better music was heard, and New York supported its "gardens" where catches of the day were sung. But even with these opportunities for those who could afford the entrance fee, music was still mainly a home product and its making and appreciation carried an aristocratic air.

The manufacturing of cheaper piano-fortes and the introduction of the melodium brought music down to the reach of more people. The presence of one of these in a home marked the progress of that household. Keeping up with the Joneses in those days meant having a piano. Aspiring and socially ambitious parents subjected their children to music lessons, and the less worldly learned to play and sing gospel hymns. Music was made in the home, and it could be made in more homes than it had been.

Then man devised many inventions. The talking machine lowered the price of music and made its production effortless. The radio has carried on this work. The grandchildren of those who once stood around the old melodium singing hymns now dance the black bottom before a loud speaker. The parents of these dithyrambic offspring applaud their efforts and try to emulate them. This ease and universality of music in the home has helped break down that last wall between parents and children. It has brought father off his pedestal, it has loosened his joints, it is keeping him young. The two-stepping parent cannot wear a dour face for long. He understands youth better than he used to.

THERE are those who consider jazz the final corruption of the home, and yet it is merely the last step in the evolution of domestic music. Having made home music a common possession of all, the next step is to develop an appreciation of good music. And today we are in the full tide of a very wonderful musical evolution. We are developing a taste for good music. The better Cinema orchestras play Beethoven and such masters because the people demand them. Our concerts are packed. In thousands of households when jazz comes over the wire someone jumps up and finds a station that is sending out better music.

The next step—and it is not far off—will be the realization that making this kind of better music is an accomplishment that gives the highest sort of satisfaction. Music made without effort affords very little outlet for the emotions, hence people have to dance. But let us once realize that playing some instrument well gives a complete and satisfying emotional "kick," and we will make it an accomplishment essential to a full and rounded education. When that day comes the American home will be richer, and parents and children will have even more bonds in common. We will have household music of the sort that bound us together when we sang gospel hymns.

This will come; we are sure of it. Meantime those of us who *had* to eat Irish stew because our father made us and who *had* to sing those maudlin gospel hymns can contemplate this new evolution with a sympathetic and kindling eye. And yet—and yet what wouldn't we give once more to hear a freckled-face, red-headed, rangy sister in pigtails (God bless her) lift her wavering voice to sing, "The King of Love My Shepherd Is."

RICHARDSON WRIGHT





Geisler

A LEGACY FROM THE MOORS

From the Gothic arch, from the arch of the Moor at Spain elaborated it and bequeathed it to us, among their many architectural legacies, this type of arch. It has been used successfully for the entrance doorway to the home of Mr. and Mrs. H. G. Bark-



[illegible] the house, the scene of [illegible]. It is the home of [illegible] the restoration.

ON A LOUISIANA PLANTATION

Behind the Levee and Its Corridor of Noble Tree Stands "Oak Alley", the Grandeur of Its Former Days Restored

THE floods swept on. The levee held—and [illegible] "Oak Alley" was still there!

For more than a century now this Louisiana plantation house has stood at the head of a magnificent corridor of Live Oaks festooned with Spanish moss—the house at one end, the levee at the other. Between the front gate and the levee runs the old Spanish trail, and the nearby settlement bears the pleasant "Cajun" name of Vacherie.

Floods have come and gone, floods that swept away many a fine old house when the levees broke, but good fortune has attended the career of this one. It survived literally by inches last spring when the Mississippi swept almost everything else before it. A gracious favor, one might say, for the careful and studious restoration its owners have made.

The house was pretty dilapidated when Mr. and Mrs. Andrew Stewart took it over for their country home. With the aid of Armstrong & Koch, [illegible] authorities on the architecture of Louisiana, and following fragments of windows, moldings and such that remained in the house, they were able to make a complete restoration. The structure is a square block surrounded on all four sides by columns that run up to support the roof. These are covered with pale pink stucco, as are the walls of the house. On the ground floor the pavement of the terrace is flagstone. Midway the columns support a wide gallery that has a pleasant cast-iron railing in the New Orleans manner. Both of these spots afford shadowy, cool retreats on warm days.

Inside great wide corridors stretch from front door to back on both floors, with the rooms leading off them: large, airy, high-ceilinged rooms furnished in the period of the house. The interior woodwork, scaled to fit such rooms, has a magnificent dignity.

From vestiges of planting that remained when the owners took over the place, this main house was evidently flanked on each side by a smaller structure—an office on one side and perhaps the cook's house on the other. These stood behind their own alleys of trees, for, on each side of the corridor of Live Oaks is a narrower planting of Pecans. Eventually these may be restored. At present a little formal garden is being laid out beside the house and, on the land side, planting has been begun beside the drive and turn-around. Magnificent trees stand here, so that very little need be done. The sweep of the flat lawn, unbroken save for the trees at front and rear, are all the setting the house requires.

Legend tells many a story about the place—every room and inch of ground has its own romance. How pleasant an opportunity it was to bring so lovely an old house back to its former grandeur! May the floods spare it forever!







central panel of



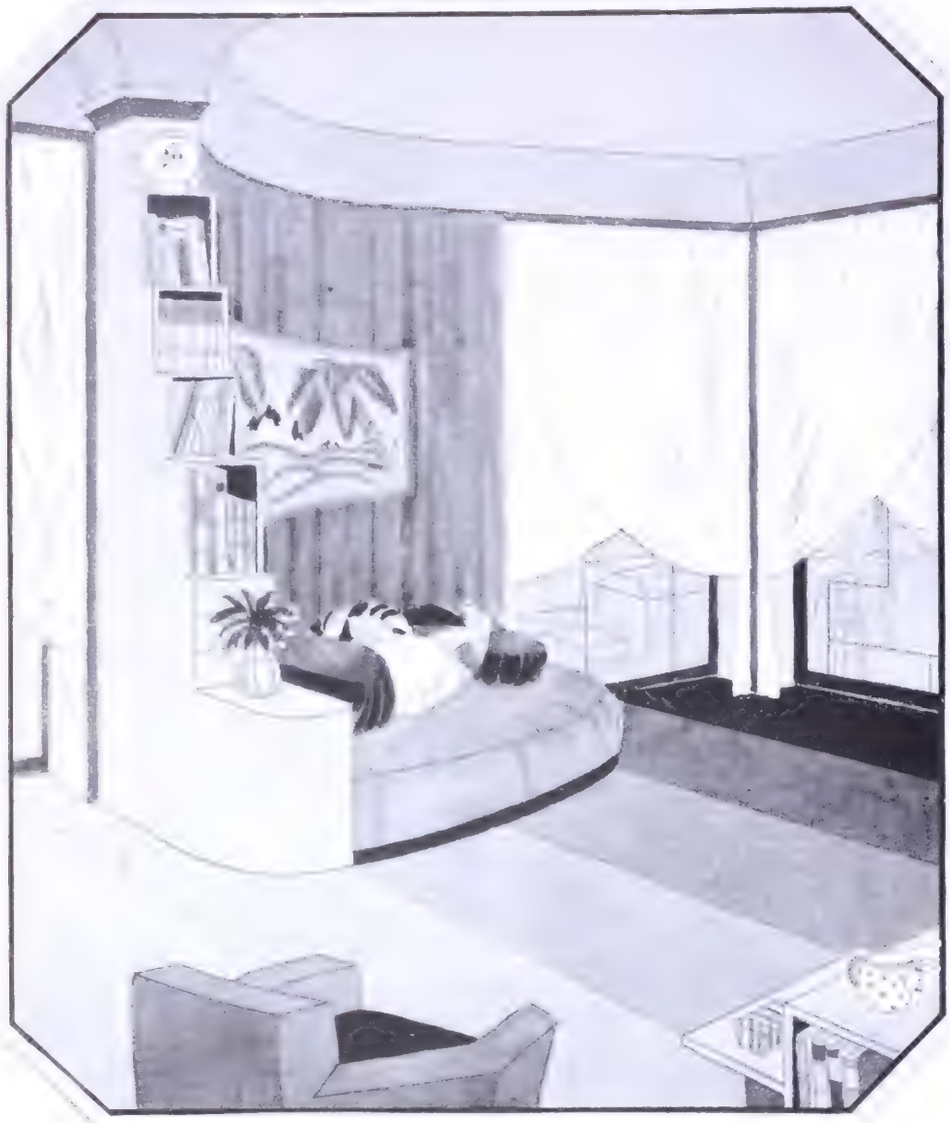
Over th terrac rocks spill ir cvlar swaves of Phlox subulata inter- planted with Tulip: and Iris that give a succession of spring colors to this garden set in the woods



Gottscho

A WOODLAND TULIP GARDEN

[illegible] St. George at Tuxedo Park, N. Y., was made this Tulip garden, fashioned out of the native rock into terraces that support a fountain and pool. A tangle of shrubbery spills down from the bank above. Clarence Fowler [illegible]

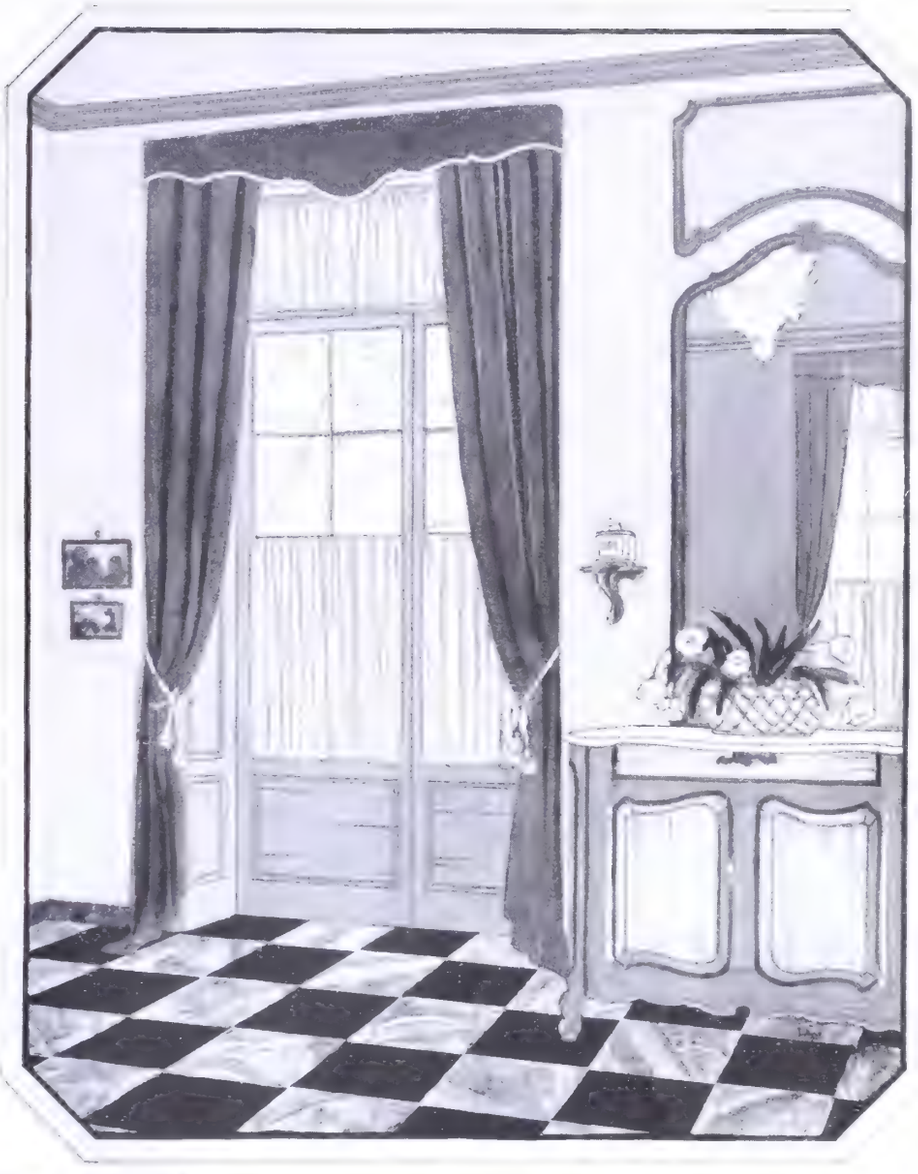






soft silk pongee with a natural ground and a tiny flower and fruit design in spring green, rose, blue and

SIMPLE CURTAINS FOR UMMER WINDOWS





sists of simple glass curtains made of écru organdy and sliding shutters painted écru outlined in apple in a groove on the sill. This method brings the garden into the house, even at night

A BOUQUET OF SUMMER ROOMS

Color Schemes Inspired by Flowers Which Were Selected From Out an Old-Fashioned Garden

FELICIA ADAMS

A GARDEN, whether it be colorful and bathed in sunlight or wrapped in the soft grayness that follows rain, offers the readiest inspiration for the color schemes of summer rooms. Much of the beauty of the out-of-doors can be carried into the house if the color values of certain flowers are translated into terms of upholstery, draperies and the small accessories that go to make up a livable interior. Walls the melting blue of summer skies or the cool green of rain-washed leaves, and rugs that echo the browns and greens of the earth's floor make excellent backgrounds for the varied garden colors found in the movable furnishings. Flower rooms of this character are easy to accomplish and can be superimposed perhaps even more effectively upon conventional interiors of the period.

MIGNONETTE ENTRANCE HALL

Walls: Painted or papered a soft gray with lavender cast.

Woodwork: Painted a deeper tone than the walls.

Furniture: A French bergère or sofa, the frame painted a soft green and upholstered in deep amethyst satin. A gilt console and mirror in the Regency manner.

Floor Covering: Sage green chenille carpet covering the entire floor.

Accessories: Two polished tôle flower holders filled with Mignonette and Sweet Peas.

ZINNIA DRAWING ROOM

Walls: Paneled and painted a deep yellow and then antiqued.

Woodwork: Painted a deeper shade of yellow, striped with gold.

Hangings: Glass curtains of gold gauze. Draperies of gold damask.

Furniture: A Sheraton sofa covered in plum color damask. A Queen Anne armchair covered in wine red velvet. Two armchairs upholstered or slip covered in a hand-blocked linen with a gold ground and flowers in red, blues, lavenders. A kneehole Georgian walnut table desk. Bookcases of walnut made after the French provincial manner. A mantelpiece of yellow grained marble in the Georgian style.

Floor Covering: Red chenille carpet.

Accessories: Yellow pottery lamp bases with shades of magenta pink taffeta. An over-mantel painting in which the predominating color is blue. Many books—the bindings of every hue, to bring color along the walls. Yellow bowls of zinnias.

ROSE DINING ROOM

Walls: Painted a pinkish terra cotta tone.

Woodwork: Painted a deeper tone than the walls.



Hangings: Glass curtains of gauze, the same color as the side walls. Over-draperies of pinkish yellow satin with binding of terra cotta color.

Furniture: Of the Directoire period painted a soft, dull yellow and striped in gold. The chair seats of *bois de rose* velvet.

Floor Covering: Eggplant color chenille carpet.

Accessories: Gilt mirrors over the console tables. Very pale green Venetian glass bowls filled with roses in all shades of yellow and pink.

TWO-FLOWER BEDROOM

Blue Lace Flower and Marguerite

Walls: Painted creamy white.

Woodwork: Painted a deeper tone than the walls.

Hangings: Powder blue gauze glass curtains. Satin over-draperies in a deep blue satin.

Furniture: A painted blue peasant bed with flower decorations. The spread of ruffled white organdy. A French armchair with frame painted oyster white and upholstered in yellow damask. Two walnut commodes of the Louis XVI period.

Floor Covering: Blue chenille carpet.

Accessories: Mirrors with dull gold colored frames. Clear glass bowls filled with Blue Lace Flowers and Marguerites. White alabaster lamp bases with shades of rose pink taffeta bound with blue.

SWEET WILLIAM BEDROOM

Walls: Painted oyster white.

Woodwork: Painted a deeper tone than the walls.

Hangings: Double sash curtains of heavy oyster white pongee bound with fringe of same color.

Furniture: A Spanish painted bed with covering and pillows of red damask or linen. An armchair with slip cover of linen with an oyster white ground and a design of flowers in reds, blues and yellows. A walnut commode. A Spanish table.

Floor Covering: Rose red chenille carpet.

Accessories: Wrought iron lamp bases with shades of oyster white parchment bound with red. Red painted tin flower holders for Sweet William in all colors.

MULTI-FLOWERED SUN ROOM

Various Flowers in Season

Walls: Painted soft yellow. On three sides of the room large mirrors are set in panels.

Woodwork: A deeper tone than the walls and rubbed with soft, antique green.

Hangings: A sheer gold gauze is used next to the glass, with draw curtains of hand-blocked linen having a soft yellow ground and a multi-colored flower design to tone in with the flowers used in the room.

Furniture: Natural colored stick willow, with cushions of yellow linen corded in green. One stretcher table in natural finish, waxed. Underneath the mirrors are consoles having yellow marble tops or tops of marbleized wood. On these are tin containers painted green and filled with a variety of seasonal flowers that will be reflected in the mirrors. Set at intervals—perhaps four of them—are tubs painted a soft yellow tone and filled with Evergreens.

Floor Covering: Green and yellow tiles.

Accessories: Lamps with wrought iron standards and shades of yellow pongee.

LITTLE PORTFOLIO *of* MODERNIST ROOMS





spirit of today. Furniture finished in silver leaf, glazed and painted cool lemon yellow. Decorations

rated by Lord &



Hartsook

Lamps, mirrors and furniture designed for contrast are the outstanding features of this 20th Century bedroom. The bed of silvery gray wood inlaid with pewter has attached cabinets with compartments. The walls, slightly rough, are painted ivory, which also are the satin hangings and the satin glass curtains patterned in stars and crescents. Lord & Taylor, decorators



Hartsook

This section of a modernist living room decorated by Abraham & Straus reveals an interesting handling of the wall space surrounding the fireplace. Flanking the chimney breast are fluted opaque glass columns holding the lights; in the center, in place of the customary mirror or painting, is a narrow niche lined in silver leaf and filled with small objets d'art



The bedroom above is done in soft pinks of pre-cut day furniture. Here the simple, graceful lines and delicate color make restful, correct decoration a joy. Bed is mahogany. The furniture is pale yellow maple. Peach brocade panels against cream walls; hangings are beige and over [illegible] apricot. Decorations by Macy.

This fireplace group in a modernist living room [illegible] fireplace surround and the pyramid shaped lighting fixtures are made of mirrors. The walls are painted Nile green and the upholstery fabrics used to cover the very modern chairs are new hand-blocked materials in tan, green and seal brown. Decorations by Lord & Taylor



Hartung



Light oak was use... in making this s... of cottage furnitur... The architect wa... Leslie Manshield an... the designer, Gor... don Russell

MODERN FURNITURE FROM ENGLAND

The Work Created Today by Gordon Russell Finds Its Inspiration In Cottage Designs of Simple Lines and Ornamentation

HAROLD DONALDSON EBERLEIN

SANITY and beauty—both two qualities ... can be counted upon ... much in popular esteem to ... of workmanship. This is equally as true of furniture as it is of any other work whose material and design concern us. Now, sanity in furniture means sound structure, fitness for the purpose for which it is intended, and freedom from affectation and irrelevant whimsicalities. Beauty, or lack of beauty, will be so apparent that comment on that score is scarcely needed.

The furniture here illustrated, designed ... Russell, ... two ... qualities. First, it is essentially *modern* in ... secondly, it is pre-eminently ... in every particular. As to its beauty, ... its sanity and the thoroughly modern spirit behind it, the illustrations speak plainly enough themselves.

One serious shortcoming of furniture designed under the impetus of the ultra-modern movement is that in many cases it lacks sanity. Time and again one meets with pieces whose designers seem to have been driven chiefly by the desire to contrive something utterly different from anything ever made before—complete difference apparently, being the main object. With *absolute difference* the controlling aim, it is inevitable that the results should sometimes be affected, whimsical or ill-suited for the use intended. It is altogether possible to be thoroughly modern and thoroughly sane in design, at the same time; it may not always be easy.

The furniture designed by Gordon Russell, besides being both modern and sane, in

(*Continued on page 154*)



... the body of this ...



... the restraint of their lines and the sane handling of the wood recommend them ...



This walnut arm-chair with decoration incised on stretcher and back typifies modern English cottage designs

The chest of drawers to the right is made of mahogany with inlays of ebony and holly. The wood is merely









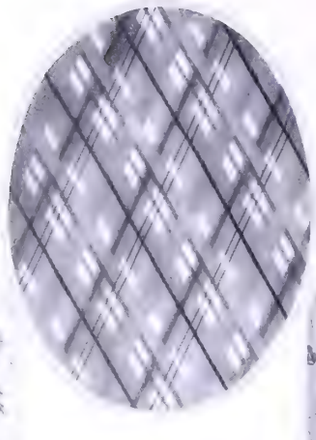
with oysterwood



out this dresser. It will be observed that except for the wrought-iron hardware the piece has no applied ornamentation

The door is made of three panels of figured walnut





The chintz below with its ships, castles and drums in soft colors on a rose, green, blue or lavender ground is suggested for a child's room. Chintz Shop





EIGHT NEW FABRICS

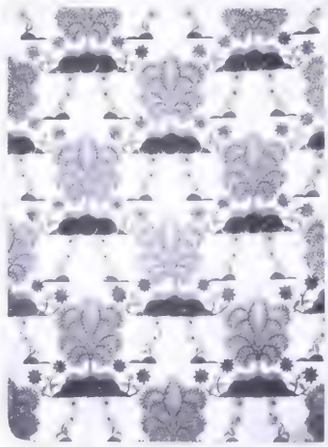


(Left) A new material for glass curtains designed by Rodier in the modernist taste. Sheer white voile with embroidered pattern. Lord & Taylor

Below at the left is a decorative chintz for summer curtains. Green with floral and bird pattern in browns, greens and rose. Mrs. Gillette Nichols



(Below) The pattern and soft colors of a patchwork quilt have been transferred to glazed chintz suitable for Colonial interiors. Chintz Shop

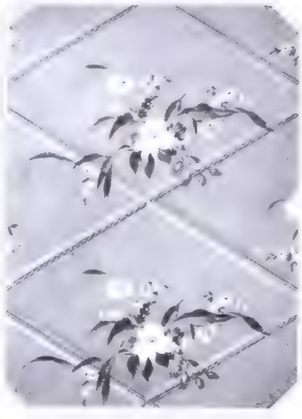






Above is a new wall paper with a soft blue-green background and a modern design executed in three shades of rose. French

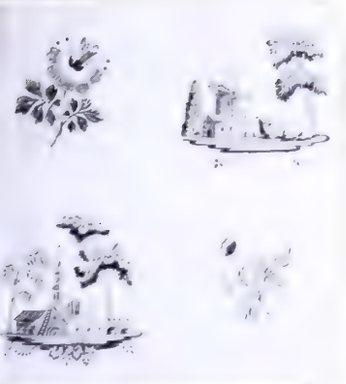




Above is a decorative modern paper with softly colored flower motifs on a blue or aquamarine ground. W. H. S. Head

In the dining room above is a charming country house wall paper patterned with a bottle design in tan on green. Old. From Nancy McClelland

Paper with gold motifs in rolls. The frieze is separate; the columns are formed by double strips of the border which also outlines the panels



EIGHT NEW WALL PAPERS



(Above) This attractive paper for an early American house has a pink ground and a pattern in warm pink, green and white. Harriet C. Bryant



(Right) For a modernist room comes a wall covering of paper-thin wood with an interesting grain. Pink, beige, green and gray. Lepan Paper Co.



Paper with gold ground with motifs in gold. Bryant. (Above) Nursery paper with yellow ground, pattern in blue, red and green. Thibaut

Old reproduction of an interesting old American paper. Buff ground with pattern in bright red, blue and green. Nancy McClelland



THE VERSATILE ORCHID CLAN

As the Rose Is Queen of the Garden, So Are Orchids the Reigning Monarchs of the Greenhouse

E. H. WILSON, V. M. H.

Keeper of the Arnold Arboretum

ORCHIDS are the aristocrats of the vegetable world. For much of the year many Orchid plants look for all the world like bundles of sticks—gaunt, bare and devoid of beauty. Then, like a butterfly emerging from its chrysalis, flowers of wondrous form and color thrust forth, either solitary, in twos and threes, in clusters, sometimes in great masses a few inches to several feet and more long. From purest white they run the gamut of every color and shade of pink, red, crimson, yellow, orange, blue and violet; commonly the flowers are freckled, barred and blotched with dark shades of varied hues and the whole is a wondrous pastel. In perhaps a majority of Orchids the blossoms are thick and waxy in their texture and the color usually stands out in glistening brilliancy.

Fragrant and gorgeous, lavish in charm, the sensuous lure of the tropics haunts the blossoming Orchid plant as it does none other. Orchids diffuse luxury and few there be who do not fall captive to their fascinating wiles. Their appeal is that of the tropic isle, insidious and delightful, and I become quite myself a willing slave to their enchantments.

The Orchid family is one of the largest in the vegetable kingdom, fully five thousand species being known. They are most abundant in the torrid regions but the family is universally distributed. In the tropics proper Orchids are extraordinarily abundant. They grow clustered together in large numbers and the branches of the major trees of the steamy forests of the Equator are laden with the different kinds. Some of the small creeping species are not larger than Mosses and the Grammatophyllum of Borneo forms a mass of leafy, thickened stems fully ten feet long and the whole plant weighs many hundreds of pounds.

Orchids are especially remarkable for the curiously varied shapes of their flowers. In form these mimic all sorts of dissimilar objects such as a bee, fly, beetle, monkey, moth, swan, dove, slipper, helmet, cradle and so forth. Some have blossoms so small as to require close searching to detect; others have flowers eight inches and more across. Nearly all Orchid flowers emit odor and very many of them are extremely fragrant.

The only Orchid of real economic importance is *Vanilla planifolia*, a climbing plant with a round green stem, fleshy, elliptic leaves and insignificant flowers, native of Mexico but now much cultivated in the tropics of the Old World. The well-known spice or flavoring agent, vanilla, is obtained from the fruit. This is a long fleshy capsule slightly yellow when ripe, but before the pods are ready for market they are subjected to a curing process during which the characteristic

(*Continued on page* 170)



Dendrobium nobile is one of the most popular of its genus. Common in Eastern China and has long been used as medi- cine by the Chinese



raceme. It runs into many forms,

(Left) Claste Phalaenopsis aphrodite is one of the Philippine Moth Orchids, a pure white of exquisite

lovely in blossom and offers considerable variety in color

(Right) The hybridists have accomplished much with the Cymbidiums or Boat Orchids, some of which are

still others are epiphytes. This is







The white flower spikes of Pontederia montevidensis rise above rank green foliage



Small, and oddly placed in the Waldheim pool, yellow flowers appear in June. Lysichitum americanum, a native species



The Lotus today retains the charms that have long made it famous. Fragrance and great beauty are among them

PLANTS OF THE GARDEN POOL

Waterlilies May Have Many Leaves and Varied Companions to Complete the Picture Made by the Aquatic Garden

E. BADE

TINY ponds or pools, mirroring the delicate blue of the sky and supporting the round-leaved Waterlilies which spread over their calm surface, are irresistibly charming. Their appearance on the lawn is so intimate because of their distinctive vegetation that they are exceptionally appealing to all lovers of Nature. In certain parts of the pool the plant-life is so dense and luxuriant, so strong and vigorous, that the surface of the water is almost completely hidden by the rank growth it pushes upward to the sunlight.

The flowers of Waterlilies rise from among large leaves. The gayly colored floral crowns catch the full light, for they follow the sun in its journey from east to west. The true, free-swimming water plants like Eichhornia, Pistia and Trianea, driven by the wind into a tiny bay of the pond, form a green carpet [illegible] flowers. In another place, the species of Apogeton, which often mingle with the Waterlilies, spread their long, oval-shaped leaves, and from these green patches arise their white, double spiked blooms. Then, too, the golden yellow flowers of *Hydrocleis nymphoides* proudly lift themselves above the surface of the water. And along with these many species are the delicate white fringed flowers of *Limnanthemum nymphoides*, whose leaves demand their place upon the water's surface.

Those plants which grow below the surface are far less noticeable, although the species of Myriophyllum as well as other long-stemmed feathery aquatic forms follow in rhythmic play the water's movement. At the edge of the pond, where the reeds whisper and nod panicled heads to the wind, is the region of the stately marsh plants which give the garden pool a character peculiar to itself. *Pontederia montevidensis*, a Pickerelweed, rises high into the air and from its dark green leaves its spikes covered with violet colored flowers, are proudly lifted upward, while Saururus (Lizardstail) lets the tips of its white spikes droop gracefully downward. Among these are found not only the Arrow-heads with their three-flowered white whorled stalks, but also the yellow Iris with its straight and stiff leaves as well as the Waterplantain (*Alisma plantago*) with its loose candelabra-like pyramidal panicles.



The dense growth of the Lotus flowers is decidedly imposing. Their large, shield-like leaves which partially rise out of the water and partially float on its surface, the large and beautiful flowers, delicately curved on their tall succulent stalks, and the wonderful odor

Pickerelweed haunts the shallower water where it forms patches of thick, succulent stems and glossy green leaves touched here and there with blue flower spikes. This is a native species

ch seems to float over the water, all
ıbine to make an unforgetable pic-
, one which could not have been bet-
suited for Indian mythology and cul-
. In songs composed thousands and
usands of years ago the Indians still
nortalize this flower. It is the symbol
the earth, the throne of the gods. Brah-
himself floats upon the Lotus leaf.

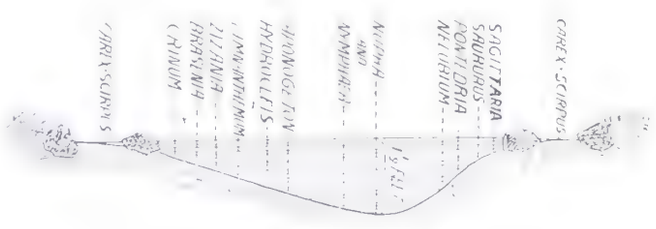
Where the water is less deep the slen-
leaves of *Crinum americanum* nod
r the surface, while the slender floral
ft carrying a crown of white flowers
rrors its beauty in the clear water. Still
her in the air strives *Zizania aquatica*
ndian or Wildrice) whose loose spicate
wers tremble in the gentle summer
eze. It is shaped like an airy feathery
own, and the winds carry the pollen
om the anthers, which hang far out-
rd upon long, slender filaments, to the
til of another plant.

Here in the shallower water is found
dge (*Carex*) and Bullrush (*Scirpus*)
th their usually long, slender leaves. It
indeed, a most varied company which
ds the existence pleasant. In
rly spring some of them may be
t in the middle of the pond, but
se demand that the level of the
ter shall sink during the sum-
r months as they then require
ly root moisture. Such growths
e commonly known as grasses
thout considering the ambigui-
of this term and without tak-
g into account the host of genera
cluded in this all-embracing
d indefinite classification.

Such a richly planted garden
ol which does not, by any
eans, need to be large, has a
stinctive decorative effect dur-
g the warmer parts of the year.
he plants thrive and bloom from
rly spring till late in the fall.
r whisperings of the reeds



Water lilies and reeds of white blossoms mark *Crinum americanum*, another lover of the shallows and [illegible] flower



To make the pool suitable for different plants it [illegible] of water. This cross-section shows the requirements

they draw their rasp-like leaves and stalks against each other in the breeze seems the language of plant contentment.

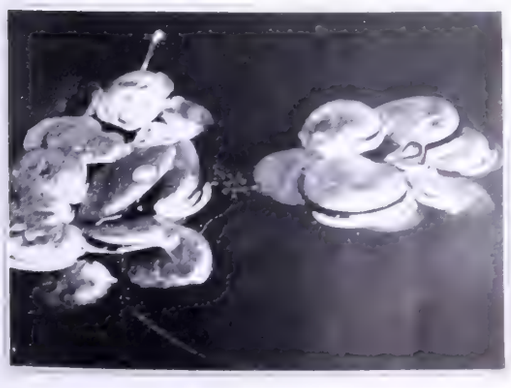
If such a pool must be produced artificially, then adequate allowance must be made for the inherent characteristics of the various aquatic plants to be cultivated. Some of them must be placed in deep water, others thrive only in the shallows while still others demand an excessively damp and moist soil. But even Waterlilies will be satisfied with water only one foot in depth; if placed much lower they refuse to flower. All types of marsh and water plants require a rich heavy soil; under no other conditions will they develop to their full beauty. The hardy species are left in the open during the winter, while the tropical and sub-tropical species die back to their tubers. These are taken up as soon as night frosts set in, kept dry for a time, then cleaned and imbedded in a box of sand which must be kept in a frost-free place. In this way they are stored in a temperate room until spring, at which time they are stimulated with a little warm water to force them into renewed growth so that they can be planted in May.

It is more difficult to keep the true aquatic free-floating plants throughout the winter, and this fact becomes still more pronounced if the growths must be deprived of sufficient light and heat. It is best to keep them in shallow trays filled with Sphagnum. Great care must be exercised while watering them. Trianea is kept like a marsh plant throughout the winter, being placed in a flat tray containing a clayey soil with a low water level. All floating plants must be protected from changes of temperature and draft. It is not at all difficult to bring these plants through the winter in a greenhouse.



Lotus, in deeper part of the pool the water lily, remote of the Lotus leaf group freely without anchorage, trailing their slender water-feeding roots

(Below) Among the Nymphaeaceae [illegible] Valleys, [illegible] pinks are [illegible] of the hues which one may have



(Eichhornia) has fragrant lavender [illegible]





[illegible] From early spring [illegible] perennial border. Hardy [illegible] is kept [illegible] open. Otherwise all grass is sunshine [illegible] Candytuft blossoms

COMELY CANDYTUFTS AND OTHERS

The Gardener's Miscellany Includes A Rare Androsace, Some Western Iris and A List of Worthwhile Red Flowers

LOUISE BEEBE WILDER

THE HARDY CANDYTUFTS. One of the most desirable of all the tender plants to be had in the hardy state is the hardy Candytuft, *Iberis sempervirens*. It is too large for a small rock garden, but occupying a bold situation in a fairly spacious one its sheets of [illegible] blossoms show brilliantly against the dark evergreen [illegible] and prolific of bloom. According to [illegible] it is most satisfactory as to [illegible] pests, do not need [illegible] when the blossoms fade; a sharp shearing at this time brings the little bushes back to a neat shapeliness behind which other gaieties show to advantage. There are numerous forms of the hardy Candytuft, most of them more compact than the type and dwarf enough to fit even a small rock garden. One of the best of these is Little Gem. They all love sunshine and will thrive in any light, well-drained soil, not despising pure gravel at a pinch.

Iberis gibraltarica is tender with me—that is, it is seldom worth anything after the first season, becoming leggy and debilitated despite my best attentions. But it is beautiful with its rounded heads of lilac blossoms finishing each foot-long branch. *I. jordani*, *I. pruitii* and *I. saxatilis* are for the rock garden, their foliage dark and the flowers clean white and freely borne. All may be raised easily from seed, or plants of them are to be had in this country.

Also there are numerous varieties of the annual Candytuft that are of use where

(Continued on page 188)



[illegible] summer and [illegible] early autumn and [illegible] Iberis [illegible] Down. It prefers [illegible] and [illegible] Candytuft



[illegible] Iberis [illegible] Candytuft [illegible] Iberis [illegible] Candytuft [illegible] from [illegible] from the New York Botanical



IN AN ENGLISH MANOR HOUSE

[illegible] cupboard pick up the light blue of the net curtains and the deeper blue of the draperies. A lacquer sewing table and the little stand with its dish of witch-balls add their notes of color





The lower gallery runs a hundred feet along the western front of the house and all the ground floor rooms open from it. It is flagged with stone, over which are laid Oriental rugs. Several fine carved chests stand along its length. The door stop shown is an old Dutch painted wooden figure

Viscount and Viscountess Cave





the half-landing of the
in staircase is a Venetian
window with a handsome
at opens out of the little gal-
y. The panels are of the
me design as those on the
irs. Below the opening stands
magnificent curved settee,
ce the property of the notori-
s fourth Duke of Queensberry

by the morning room are
white walls and a royal blue
carpet. A collection of water
and pastel engravings adorn the
walls and here, above the old
piano, The late Sir James
Crichton-Browne's bronze bust
of Napoleon is placed on the
Duke's mantelpiece. The chairs
and settee are of Cotton brocade

REFERENCE DATA FOR THE BUILDING OF A FIFTEEN TO TWENTY THOUSAND DOLLAR HOUSE

THE definite relationship between the cost of a house and its size in terms of volume gives the prospective home builder an opportunity to determine in advance the approximate size of house to fit his financial budget or to estimate what a house planned to meet his definite space requirements would probably cost. If the maximum expenditure for a house is the governing consideration, the owner should follow the steps outlined in the paragraphs following to determine approximately what room sizes and over-all dimensions can be had within that cost. If space requirements are more important than cost, the procedure outlined below can be reversed.

From an architect or builder he should obtain an estimated allowance for the cubic foot cost of the proposed building after he has outlined his requirements as fully as possible. For safety the highest unit should be taken and divided into the total cost allowance to get the permissible volume in terms of cubic feet. The following table may be used as a guide.

$13,000	$17,500	$20,000	
Cu. Feet	Cu. Feet	Cu. Feet	
26	35,000	40,000	
28	37,500	43,000	
30	40,000	46,000	
32	42,500	49,000	
34	45,000	51,500	

It should be borne in mind that at this preliminary stage in home planning cubic foot estimates have value only for very general estimating purposes. Final figures should not be expected to work out in close accordance with these preliminary estimates. To avoid disappointment or unexcessive cost it is best for one to be very conservative in allowances until actual contract figures are available from complete plans and specifications.

A list should be made of all rooms and spaces required in the house, including closets, halls, bathrooms, etc., giving to each space approximate dimensions in accordance with ideas of their desirable shape, space and size. These rooms should be grouped by floors in the list. Their areas should be established by multiplying the length and width of each unit in accordance with the typical space budgets given in the lists below.

The total area of each floor should be checked. Note that the total area of the space on the upper floors must be equal to or less than the [illegible] floor. Area of these [illegible] floor should be multiplied by the ceiling height measured from the floor surface to the underside of the ceiling.

The total net area of the living space thus determined should range from 45 to a maximum of 55% of the total budget allowance. The balance is required for basement, lost space in walls and floors, lost space under roof and miscellaneous service areas which are usually overlooked in this stage of house planning. If the preliminary space budget exceeds this proportion, room sizes and space allowances should be revised or the cost budget should be increased.

The reference page in the last issue of House & Garden with the first article of this series will prove quite helpful. Particularly worthy of note will be found the method of estimating the volume in cubic feet of a proposed house from sketch plans. The system of obtaining approximate areas outlined above is used only before sketch plans are developed. Its purpose is to acquaint the prospective owner with the limitations which his cost budget imposes upon his own requirements for room sizes before instructing his architect to develop preliminary studies. Also on page 127 of the April issue note the table which gives approximate variations in cost per cubic foot in different sections of the country.

HOUSE A

Gross Volume

HOUSE B

Gross Cubage 40,000 Cu. ft.

	40,000 Cu. ft.	100%
Living R'm.	13'6" x 24'6"	330 Sq. ft.
Dining R'm.	11'6" x 14'0"	161 " "
Library	9'0" x 11'6"	103 " "
Pantry	6'0" x 8'0"	48 " "
Passage	3'0" x 12'0"	36 " "
Den	12'0" x 14'0"	168 " "
Kitchen	10'0" x 12'0"	120 " "
Maid's R'm.	10'0" x 12'0"	120 " "
Total		1028 Sq. ft.

Ceiling Height 8'0" Cubage 7,024 Cu. ft.

Total 168 Sq. ft.

Ceiling Height 8'0" Cubage 1,344 Cu. ft.

Gross Volume

HOUSE C

Basement 17.3%

Attic

Total 1269 Sq. ft.

Bath

Living Space equals 51% of

Besides rooms on first and second floors the [illegible] in which the [illegible] room and bath are

HOUSE D

Gross Cubage 37,275 Cu. ft.

Basement	7,944 Cu. ft.	21.3%
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	29.4%
Attic	[illegible]	16.9%
	37,275 Cu. ft.	100%
Living R'm.	13'6" x [illegible]	[illegible] Sq. ft.
Dining R'm.	11'6" x [illegible]	[illegible] " "
Library	9'0" x 14'6"	131 " "
Pantry	6'0" x 8'0"	48 " "
Hall	7'0" x 12'0"	84 " "
[illegible]	10'0" x 15'6"	155 " "
[illegible]	12'0" x 15'6"	47 " "
Total		1004 Sq. ft.

[illegible] Hall 7'6" Cubage [illegible] Cu. ft.

Bed Room	13'6" x 16'10"	228 Sq. ft.
Closets	2'6" x 10'6"	26 " "
[illegible]	[illegible]	[illegible] " "
[illegible]	[illegible]	168 " "
[illegible]	[illegible]	126 " "
[illegible]	[illegible]	[illegible] " "
Bath	[illegible]	40 " "
[illegible]	5'6" x 15'0"	148 " "
[illegible]	[illegible]	24 " "
[illegible]	[illegible]	96 " "
Total		922 Sq. ft.

Ceiling Height 8' Cubage 7,376 Cu. ft.

Attic Space -Storage

Total Cubage of Living Space 15,919 Cu. ft.

Living Space equals 43% of Gross Volume

[illegible] has been included in the [illegible] because the location of a room above it on the second floor [illegible] essential part of the plan.



HOW MUCH HOUSE FOR YOUR MONEY?

A Survey of the Possibilities Obtainable in Home Building for Fifteen to Twenty Thousand Dollars

C. STANLEY TAYLOR

IN consideration of [illegible] $5,000, or in other words between the $15,000 to $20,000 [illegible] range, there is a distinct difference between a house that costs $15,000 and one that costs little more.

Everything considered, the [illegible] opens up additional opportunities for increased size, comfort, and convenience, and there is a considerable difference between a house costing $15,000 and one costing in the neighborhood of $20,000. One thousand dollars will add an extra bathroom completely equipped, [illegible] porch; it will pay for a complete oil burning equipment; it will perhaps even allow the addition of an extra room in the result[illegible] arrangement of the plan.

Before taking up the more detailed discussion of what constitutes a $15,000 to $20,000 house, let us outline again the general conditions which it is assumed will [illegible] the average prospective home-

The [illegible] residence that will come somewhere within this price range.

We find at once two distinct sets of conditions which he may face. On the one hand, there may be a family of considerable size for which the physical space requirements are of primary importance and the home to be planned must contain the [illegible] provide the necessary living quarters. On the other hand, there may be a small family whose space requirements are not large, but where the desire to erect a home of rather luxurious appointments may exist. Here is the first logical determination in order to [illegible] for the money, or do we want a house of [illegible] to be invested in more expensive appointments and conveniences?

Probably the majority of homebuilders contemplating the erection of a house cost[illegible] within their budget than maintaining their space requirements. Such home owners will certainly find [illegible] value in planning a [illegible]





A detailed view of the ... house. This house is completely equipped with the best mechanical equipment throughout. Its size is larger than its design indicates

... builder to determine ... may be had for a given sum of money i ... established. The next step is to make out ... list of the desired rooms with their prin ... cipal over-all dimensions. The rooms are ... arranged in accordance with the floor upon ... which they will be located, the areas in ... square feet determined by multiplying the ... two dimensions, and the total area for each ... floor converted into cubic feet volume by ... multiplying this area by the height of the ... floor taken to the under side of the finished ... ceiling. This space budget will then show ... the total volume in cubic feet of the desired ... living quarters in the house. It will neglect ... the space lost in walls and under the roof ... and the space required for the basement, it ... will doubtless also neglect other minor ... house that is to cost a predetermined sum of ... governing factor which influences the cost per cubic foot of the structure. As explained in the previous article in some detail, the only reasonably reliable method of estimat-

Having assumed the unit cost, as discussed in more detail later on, the total volume of the dwelling in cubic feet which







e requirements which will [illegible]
dance with the architectural design and
general layout finally adopted.

The analysis of the four houses illus-
ed in this article in accordance with the
ve method shows that the net volume of
e in the living quarters ranges from 42
1% of the gross volume of the house.
s does not mean that half of the total
ume of the house is wholly wasted. It
ply means that in making a preliminary
e budget, the average owner will con-
ve of his requirements in terms of so
ny rooms, each of a certain size. The
itional space necessary to construct the
ing, to coordinate the rooms into a

[illegible]

[illegible] storage and basement space, is usually equal to or slightly greater than the total volume of the actual living areas.

Hence the owner can quickly check up through this simple method upon the rea-

[illegible]

plan provides excellent accommoda-

[illegible] smallness of its space requirements considered in terms of the cost of the finished building into which they are incorporated.

To further assist in this preliminary analysis, each of the four houses has a brief summary of the gross volume divided into the amounts required in the basement, first floor, second floor and attic. The percentages allotted to each of these divisions will also serve as an interesting guide in the preliminary budgeting of space.

The price range or cost per cubic foot naturally varies according to the quality of materials, finish, design and equipment. In general, the cost of houses of this size

(Continued on page 158)









From the living room is this garden entrance with its heavy oak portico leading to a flagged terrace. The casement window above is in the guest room where there is an interesting built-in bed of Welsh cupboard design

AN ENGLISH COTTAGE IN TACOMA





was laid out to meet

The essential rooms are on the first floor,

work is of teak-wood from Siam. The majority of the floors are pegged down like a ship's



FIRE PREVENTION BEFORE BUILDING

Proper Constructional Methods and Materials Throughout The House Are the Best Fire Safeguards

ETHEL R. PEYSER

FIRE prevention is one of those things which should be thought of before building, not afterward.

First, the Code of Fire Underwriters in your territory should be consulted and known by you, so that you can follow the building plans with intelligence and not be subject to high insurance rates later on, [illegible] not uncommon occurrence.

A home cannot be absolutely fireproof, yet it can be made very nearly so. The concrete house, with fireproof shingles, concrete roof and floors is the nearest thing to the ideal. But if this house has wooden trim there is a fire danger at the points where the trim and furnishings are placed. Public buildings have metal trim, but it is never as beautiful as wood, and hence is only occasionally used in dwellings.

[illegible] HAZARD

Carelessness after building, technically known as "exposure" is the greatest fire hazard. This "exposure" is the result of tossing about lighted matches and cigarette stubs, and all other acts of igneous immorality, but slipshod building methods are accountable for many unnecessary and death dealing conflagrations.

The largest factor after the "exposure" is the defective flue and chimney. You can, to be sure, save money on a cheaply constructed chimney—that is, if you don't mind endangering your home, your heirs and heirlooms. The "half back" chimney is quite popular, of course, but why save four inches of brick when eight inches is the safe thickness for a chimney? Not only this, but the chimney should be self-supporting. That is, it should stand on its own foundation. Should it be linked to the house for support, as soon as the house settles the chimney follows suit. A fissure thus develops through which sparks will travel. Carbon then collects and the foundation for fire is nicely established. These fires are particularly dangerous, for they secretly smoulder and break out at most inopportune moments and are miserable and difficult things to fight.

Proper chimney construction is, therefore, a most important structural feature in reducing the chances of fire. The reasons why chimneys are such a fruitful source of fires are numerous. Chief among them are:

The use of terra cotta sewer pipe, or other unprotected tile or hollow blocks, for the structural material of a chimney.

Construction of chimneys with brick laid on edge.

Chimney walls built with brick flatwise, but only one brick thick with unlined flues.

Supporting chimney on the timber construction of a building, or brackets; or insufficient masonry foundation when the chimney rests on the ground.

Two or more connections to a single flue.

Building woodwork into the wall of the chimney, or placing it in contact with the exterior surface.

Smokepipes arranged to enter the chimney in vertical runs.

Carelessness in sealing connection between smokepipe and chimney, and failure to anchor pipe to chimney.

Carelessness in not keeping chimney clean and joints in brickwork properly pointed.

A [illegible] of the chimney hazard is due to carelessness, and the balance to bad construction. Therefore, the importance of proper construction and maintenance of chimneys cannot be emphasized too strongly.

[illegible] PRECAUTIONS

Here are other points that should be included in structural fire prevention:

The foundation walls of frame structures exceeding fifteen feet in height, if of stone, shall be no less than sixteen inches thick, and if of brick or concrete, not less than twelve inches to the grade and eight inches to the under side of the sill. If the foundation and first story walls are constructed of brick or concrete, the foundation walls shall be no less than twelve inches thick to the first tier of beams and eight inches thick from the first to the second tier of beams; or if these walls are constructed of stone, they shall be no less than eighteen inches for the foundation walls and sixteen inches for the first story wall. This sounds elementary but it is most essential.

The thickness of bearing walls for brick dwellings not exceeding three stories in height should be not less than twelve inches. When the height exceeds three stories, the walls of the upper three stories should be twelve inches thick and the lower stories sixteen inches. Although the use of eight-inch walls for dwellings is common practice in many localities, the National Board of Fire Underwriters advocates a minimum thickness of twelve inches. They are drier, more stable and much less [illegible] to be ruined by expansion due to heat [illegible] case of fire.

The great value of solid walls in [illegible] stricting the spread of fire is so well kno[illegible] that argument should be unnecessary to [illegible] sure their use wherever suitable. Yet ev[illegible] argument fails when fire protection meth[illegible] are advanced! Such walls have genera[illegible] been restricted to commercial and pub[illegible] buildings, and while not adapted to sm[illegible] or moderate sized dwellings, ordinary pr[illegible] dence should require that they be a stru[illegible] tural feature of every dwelling having [illegible] large ground floor area, such as is comm[illegible] in handsome country estates and at fas[illegible] ionable resorts. Fire walls are particular[illegible] applicable to palatial dwellings where t[illegible] architectural design is such as to fo[illegible] natural vertical planes of separation b[illegible] tween different portions. For example, [illegible] building with large wings should have fi[illegible] walls placed on the line of division betwe[illegible] sections. In like manner, there ought to b[illegible] fire walls between garage and house whe[illegible] both are under the same roof.

A secondary staircase and exit will pre[illegible] vent the necessity of jumping from win[illegible] dows in case of a fire. This is absolutel[illegible] necessary, particularly with an attic in use.

A stairway into the house from the cella[illegible] is not as safe as one in a side entry—using [illegible] one part for your refrigerator, if necessary.

Linen and all other chutes should b[illegible] protected by fire resisting material, because they will act as fire flues and fan the flames. Fuel boxes, too, should be of fire-resistant materials.

CEILING AND WALL PAPER

Wooden ceilings, kept in good condition by oil dressings, are eminently neat ways of increasing the fire hazard. If you do have them, be on the watch in the room, for it will burn merrily when once started.

The inter-wall spaces are very good places to harbor fire. For this reason, wire lath is preferable to wooden. Then, too, if you are insulating your home, which we presume you will, use fire resistant fire-stops or fire-stopping material, which in addition is not food for vermin which have a way of starting frictional fires.

In the Fire Underwriters' Code it mentions that:

No one feature of house construction will contribute more to its safety in case

(*Continued on page* 142)





WITH SANTA BARBARA'S HILLS FOR BACKGROUND





White surfaced walls are broken by windows with deep, shadowy reveals and marked by batten shutters or by a touch of wrought iron in a balcony. Red roof tiles and the vines lend picturesque color to this architectural composition





Where it enters a house — the traditional method — window grille, gate and flower pot holder — wrought iron has been added to these plain white wall surfaces, lending interest not alone by its design but also by the patterned shadows which it casts

By the crossing of the garden axes is this platform and its low parapet beside which is range potted plants, and to be enter the octagonal tile contain so characteristic of Spanish gardens. The screen [illegible] doors at the back [illegible] at rounded roof [illegible]







Mountain-tea, Ceano-
feet and carries white
flowers. It is related to

In Alpine swamps and
Elephant Plant, a little
sembling elephant heads

SUB-ALPINE PLANTS

HERBERT DURAND

THE plant hunter who climbs the Colorado Rockies from sandy plain to snowy summit, or for that matter, who scales any equally lofty mountain height, can hardly avoid realizing how closely altitude and latitude correspond in their effect upon climatic conditions and consequent changes in the structure, habit and aspect of plants. For as he ascends he encounters as many different kinds of climate, and as many distinctive forms of vegetation as he would, for example, on a trip from the Ohio River to Hudson Bay. He begins



The Rocky Mountain Columbine,
Aquilegia caerulea, in its native
acid soil carries white to deep blue
flowers four inches in diameter

(Below) The Mountain Beauty is
a relative of our Spring Beauty
with pinky-white flowers. It is
found in rich acid soil beside streams











Golden Stonecrop spreads a bright yellow [illegible]

White Globeflower resembles the Marsh-marigolds in size and color. [illegible]

either journey in a warm temperate region, traverses territory that becomes increasingly colder and finally ends amidst truly arctic surroundings.

As he proceeds, the character of the flora also changes. Species of trees, bushes and flowering herbs that were abundant at the start gradually disappear and their places are taken by others of very different form and manner of growth. This sort of succession continues until he finds himself in what may be called sub-arctic zones. Here the tendency of all vegetation to become sparse, dwarfed and scattered first becomes noticeable, a tendency that becomes a habit farther along. And when he finally comes into actually arctic regions—above timberline in the mountains and about latitude 56° in the Far North—he sees about him practically treeless wastes where brief sum-

(Continued on page 178)



Parry's Primrose bears rich crimson, [illegible] blooms above [illegible] leaves. It prefers wet, [illegible] soil by brooksides

(Below) On stony slopes and in rocky ravines grows the Canyon [illegible]

(Below) In the border of the [illegible] where the soil is moist grows the Mazus [illegible] pattern of Daisy-like blossoms





SPOTLIGHTS ON THE DAHLI

Some Outstanding Merits and Weaknesses of This Interesting Family

And Notes on How to Grow Them

F. F. ROCKWELL



THERE are two classes of people who get excited over Dahlias: those who adore them, and those who abhor them. This article is written for both classes, but particularly for the latter.

He who undertakes to discuss Dahlias from any other than the orthodox point of view rates upon thin ice. He is likely to find himself berated by the Dahlia-lovers as being a renegade, a traitor to the true cause, and also by the Dahlia-despisers, for attempting to champion the cause of this blatant upstart, this nouveau-riche social climber, among flowers.

As for example: at the same meeting, after a garden talk, I have had two intensely-in-earnest ladies search me out to present the following divergent points of view. The first said:

"Surely you were not serious when you suggested that we plant Dahlias in our gardens, right in with the other flowers! Personally, I think that all Dahlias are terrible. There is nothing graceful or artistic or refined about them. Some of my friends grow them, for flowers for cutting, in the vegetable garden. But I would no more think of planting them in my garden than I would of planting weeds!"

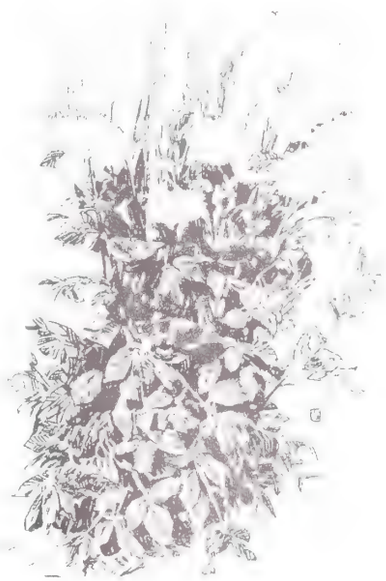
Scarcely had she left me than another sister of the society approached—evidently not to be escaped—and this was her version:

"I enjoyed your talk *so* much; but I must say I hardly think you were fair to the Dahlias. I don't know what my husband would have said if he had been here. They are the only flower he takes any interest in, and we have our yard full of them. Some blooms are almost a foot in diameter. And the most gorgeous colors! I like to hear about the other flowers, too; but don't ask me to give up our beautiful [illegible]

[illegible] *a goat!* But of course I had [illegible] good lady to give up her beloved [illegible] I had merely suggested that there were many other types and forms about which most gardeners knew little, and many nothing at all; Dahlias very well adapted to numerous purposes for which the major types, the most popular forms are not suited. And it is these Dahlias about which I propose talking first in this article.

The class which, at present, outnumbers all others in popularity is the Decorative. In the pages of many of the leading seed catalogs you will find these listed by the score, and in the pages of the specialists, literally by the hundreds. Holding second place, but still lagging far behind, is the Hybrid-cactus class, many of which are distinguished with difficulty from the Decoratives. In fact, at Dahlia shows, it is the rule rather than the exception to find even the judges themselves, who are Dahlia experts, in disagreement as to which class many of the new varieties belong. Almost every article on the Dahlia—as well as the catalogs—is devoted chiefly to these two classes. For the moment we will pass these by and give our attention to the types which are less well known.





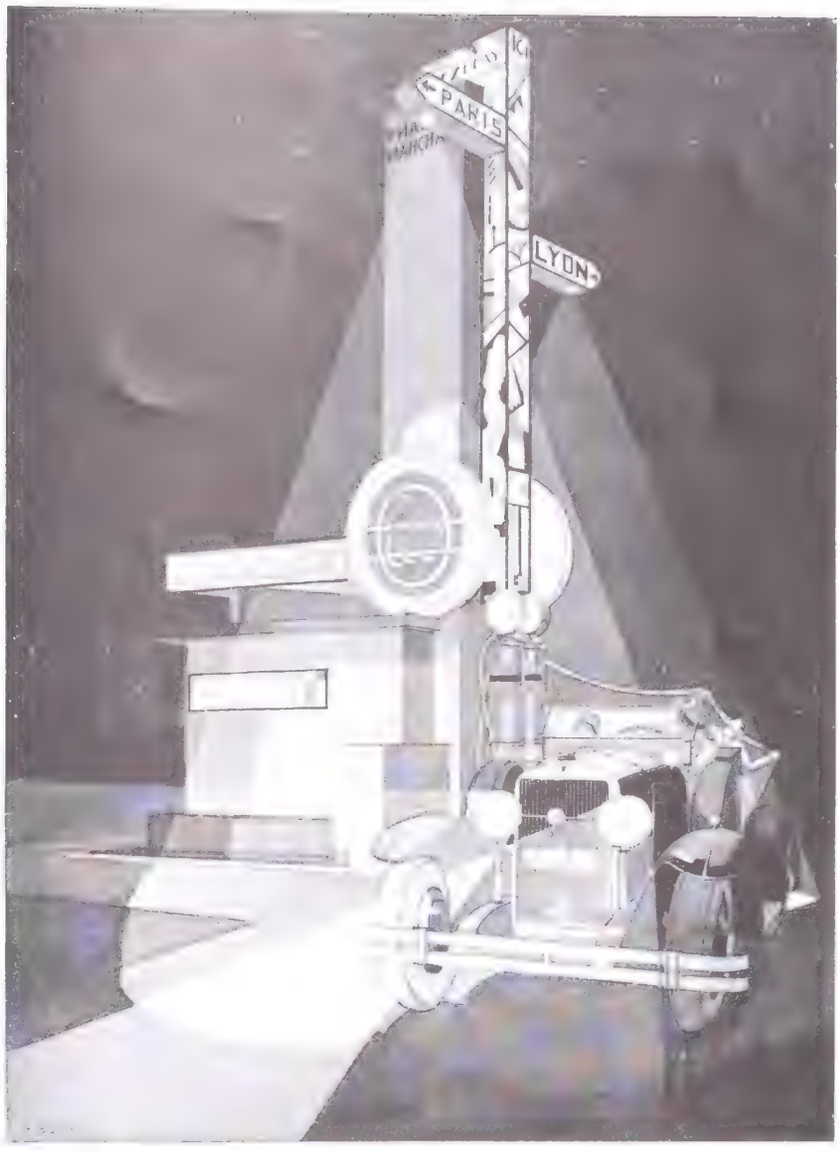


Dahlias are [illegible] stout stems [illegible] to plant, [illegible] should be loosely tied [illegible] to stake

The Single Dahlia, it has always seemed to me, is one of our most beautiful flowers. It has simplicity and pure color tones; and while it may not be quite as graceful on its stem as the Cosmos or Coreopsis, nevertheless it has many advantages which these excellent flowers have not, including a very wide range of colors. Also it has a continuity of bloom which is equalled by few other flowers. There are several forms of the Single Dahlias, and all of them, in different ways, fit very charmingly into the general garden scheme. Some of them are wholly in place in the mixed hardy border itself, being not too rampant growing and providing an abundance of clear colored flowers during the very season when the perennials are most likely to be at their poorest—after the abundance of bloom of early midsummer, and before the glory of autumn has begun.

Of the several types of Singles, the Improved or Giant Single, or Century, is probably the best known. This is a very large, broad petalled single flower, often with a ring or disc of contrasting color about the center. The Singles are six or seven inches in diameter and quite tall growing. Sometimes they are listed as Clematis-flowered, but the name hardly fits. Three of the best of these are Rose Pink Century, a deep pink; Scarlet Century, very gorgeous, with a golden disc, and Eckford Century, pure white with pink or crimson shading. There are a dozen or so more, for the most part designated by colors. An exceptionally fine variety is James Weller, with a blending of gold and rose; it attains a height of five feet or so and is tremendously effective against

(Continued on page 202)



France once the ... street ... where ... Medi... ... terrace ... and ... ... Paris ... by ... Mallet-... Architect

ONING FOR TOWN BETTERMENT

As They Are Being Applied, Zoning Laws Preserve the Integrity, Value and Character of Neighborhoods Successfully

PPOSE you had built ... community whose beauty and ... ded to you. And your family and ... ning you awakened to the ... shovel, the song of the drill ... wledge that a tall building ... out much sunlight ... ne. Or industry might ... up the hill overnight, ... ke, dust and dirt in its wake, menacing only property values but the health of r family.

You wouldn't like it, would you?

et in many communities whole sections e changed in character practically over- nt. Where but a short time before were ghtful tree-bordered avenues, lined on er side with pleasant dwellings, now are y streets resounding to ... ter of commercial traffic ... given over to the multifarious needs of industry. Residents have either been forced to sell their property and move elsewhere or to stay on and endure the numerous disadvantages of the neighborhood with philosophical fortitude.

However, during the past decade the practice of zoning has been developed as a remedy for such encroachment. Most forward thinking communities now possess an intelligent zoning plan, enforced by a building inspector who is upheld in his decisions by the police department. Property within the corporate limits of the municipality is protected by regulations as to the uses it may be put to and the height and size of buildings which may be erected. These regulations will, of course, vary in the different zones. The system of ... all ... and

property owners against financial loss, protect the health of residents and to promote community life in general.

Only during the past ten years has zoning become a fact in America, although condemnation laws were passed ... as back as 1812. These, however, fell into disuse and were only desultorily revived from time to time. The real uses of zoning were made known and realized in their full effectiveness in connection with city plans and it is now rare to find a city plan that does not coördinate with some type of active zoning plan.

During 1927, 57 towns or villages, with a total population of 1,013,900, adopted zoning plans. According to figures based on the 1920 census there were at the end of 1927 more than 30,920,667 people

(Continued on page 146)

WHEN IS A FARM NOT A FARM

A Personal Experience Which Proved A Disillusioning Dream

ELISABETH MARBURY

WHEN is a farm not a farm? The answer is simple; it is when a poor, overtired city man or woman, thrilled by the beauty and calm of the country, looks with longing at an old farmhouse that has neither been improved nor added to, and feels that "Oh, if this were only mine", and goes on month after month thinking of this oasis amid the trials and tribulations of life until the farmhouse one day becomes his or hers.

It is then that the thought of raising chickens, cows, pigs, and other livestock is only a vague motive because the yearning for a home where one can rest has become the mecca and the goal.

MODEST DREAMS

For years I had indulged in such a dream. On many a motor trip abroad, I had gazed upon the old French *Manoirs* wondering if ever I might be the owner of such a place. Everywhere I traveled it was this style of building which attracted me, never the stately Chateau nor the Elizabethan Castle. In Germany it was the little house set amid fields that I coveted, never the Schloss with its baronial environment.

When I lived originally in Versailles, France, it was my choice of a small house which determined my residence there with Elsie de Wolfe, now Lady Mendl. Later, when we removed into another house in the neighborhood, this was even simpler, a real cottage, but with one acre which we speedily converted into lawns and flowers. We lived in this place several seasons, and then bought the Villa Trianon which has since become so famous and so exquisite under the magic wand of Lady Mendl.

Together, she and Anne Morgan have lived and entertained respectively during their alternate periods of residence. Lady Mendl has made this one of the great social centers of the Old World where royalties, statesmen, men and women of letters, ambassadors and leaders of society gather to exchange political views that are international, and gossip which is local.

The background of the formal French garden is a setting for English borders. The Park of Versailles is the next door neighbor which serves as the historical link between the past and the present.

Poets have written of this Villa Trianon, artists have painted it. It is the objective center of special articles and of ambitious photographic [illegible] and [illegible] of perfection, and became more [illegible] I felt that I longed for something [illegible] something [illegible] complex, for something that was less of a preoccupation and more of a relaxation.

I wanted a more self-assertative and self-reliant child, not one whose food must always be prepared and sterilized, a child who could be dirty at will and rough without hindrance, a child who could roam at large, who could wander at will, clothed at times in wildflowers, with feet that were [illegible] with mud, and with garments that might be torn with thorns. So in this spirit of revolt from the artificial perfection of the [illegible] Century, I turned my back upon it all, and one day became the owner of my present farm in Maine, and the proud possessor of a New England homestead built in 1807, and of seventy acres of land studded with virgin trees and having as their background hills and lakes which are eternal.

A long, low house, eighty-four feet from end to end, white with green trim, a house like hundreds of others one sees along the roads after leaving the State of New Hampshire. No celebrity ever built it, no historical personage ever lived in it. The only distinction of which it can boast is its integrity of style and its simplicity of purpose.

TRULY RURAL

And the most amazing part of my story is that I bought it from an advertisement in the month of April some three years ago, when I had grown so fed up with city smells and city sights that I fell into ecstasy when merely reading the description of this paradise so adroitly described, picturing a long shore front on a beautiful lake, woods that had never been cut, furniture that was homely and substantial, and all the rich possibility of acreage which could be mine for the buying. The owner had a wife who missed garrulous neighbors, hence the farm had been deserted for five years while its former mistress had installed herself in a suburban cottage where she could smell the cooking of her next door acquaintances.

The descriptive advertisement was promptly followed by an envelope of snapshots. A few interviews with the absentee landlord with a blind faith in the wisdom of my purchase, and I became the own of this property bordering the shore of of the famous Belgrade Lakes, and proud possessor of the buildings descri in the bill of sale as Lakeside Farm. was a drastic decision, but even though am robbed of the opportunity of bei humorous through ridiculous phases of d appointment, truth compels me to state th in no particular was I deceived, and in detail was I discouraged. From the d when I first actually stood upon my ow piazza, when I looked out upon my ow fields, when I realized that every fly, eve mosquito, every potato bug, every ins was my very own when found upon n property, I rejoiced in a sense of freedon and in the sublime knowledge that dream had come true.

FARMING COSTS

But happily for me it did not take m long to realize that I would never be ric enough to run my newly acquired purcha as a farm *per se*.

I recalled a story which I had ofte heard my father tell. Once he was visitin the late Senator and noted jurist, Williar M. Evarts, in his luxurious home in Ver mont. There were many other guests pres ent at luncheon when the servants passe great pitchers of milk alternated with col sparkling champagne.

Noticing a certain modest hesitancy on th faces of his friends, Mr. Evarts exclaimed "Gentlemen, help yourselves to cham pagne if you prefer it. It is not quite a expensive as the milk!"

He had learned what a farm and regis tered stock raising could cost. The insidious temptation of buying the best, of breeding always only the finest animals, of going to a county fair and there being inspired to raise something better than one's neighbors to read agricultural magazines, and blindly to purchase everything therein advertised as a perfected aid to one's efforts, is allur ing and fatal. The only safe way of escap ing such follies, for a man or woman of moderate income upon purchasing a property such as I did, is to steel oneself against all thought of ever raising anything alive, or of going into the many enterprises which involve labor, new buildings, fer tilizers and the rest.

For the first summer I lived in the house as it was. There was only one bathtub or

(*Continued on page* 166)





The high fireplace mantel is from an Old Colony house and has been painted white to match the wall. Here a pair of old pine boxes, a pewter fountain, lay wall brackets and a narrow panel. Table and tiles complete the composition. Arthur Meeker, decorator.

The walls of the living room are covered with a gray wallpaper and the woodwork is painted a soft gray-green. The trellis painted Versailles green. The wall paper is gray and is conventionalized with red veining. Floor tiles are two shades of lacquer red. Barnesdall, Inc., decorators

ALLWAYS THAT LEAD TO THE GARDEN



[illegible]

CHARACTER IN INTERIOR WOODWOR

A Well Defined Type of Interior Woodwork Belongs to Each Specific Architectural Style

GEORGE S. CAREW

WHAT architects and builders call the "standing" woodwork of a house includes such items of the building's interior as doors and their trim, the frames of windows; baseboards or wainscots; stairways; and mantels, when they are made of wood. Of course all these details are parts of a building's actual structure, and yet because they contribute so largely to establishing the character of an interior they are likely to receive the careful attention of interior decorators as well as of architects. There are well defined types of interior woodwork for use with definite, specific architectural styles, and many home owners find profit in studying these types and sometimes in applying their knowledge to solving their own problems. As was just said, the design of woodwork has much to do with determining the character of a building's interior—so much so, in fact, that giving the closest possible attention to its designing will be more than amply repaid.

During the past few years there has been considerable use in America of what are sometimes called Latin or Mediterranean types of architecture, first of the early Italian and later of the early Spanish. In both these types the character of interior woodwork is of the utmost importance, although the character is quite different from that used with any other variety of architecture. In both Italian and Spanish domestic architecture wood is extensively used in ceilings, often arranged in panels [illegible]. These ceilings are sometimes simply designed, showing only the stru tural timbers. Whether elaborately simply planned, these ceilings are likely be painted, or as architects and decorat say, "polychromed," in colors which well contrasted, such colors as red, blue a green giving an excellent effect agai the plain brown wood (generally waln of the ceiling itself. Care should be tak however, that the patterns used for t painting or polychroming are not elaborate or complicated; a ceiling, course, is seen from below and gener at some distance, and while a pattern wh is bold and simple is likely to carry w an intricate pattern, which might be s cessful when seen at close range, is aln

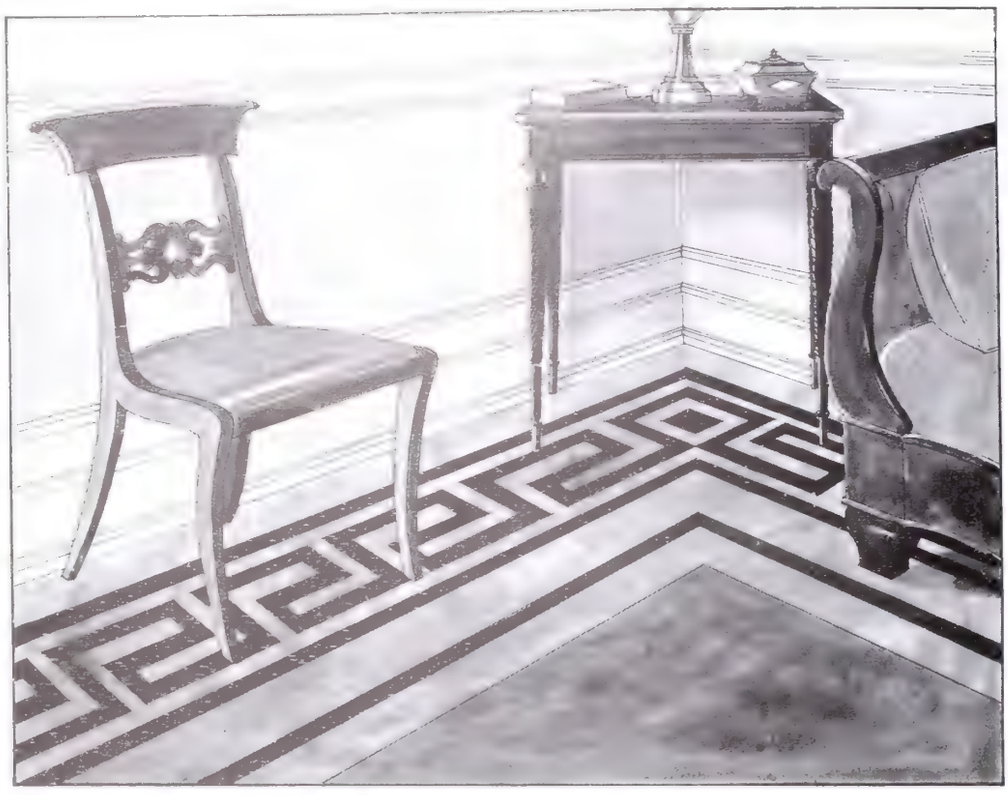
(*Continued on page* 136)





At the end [illegible] Room in the home [illegible] at Mer[illegible] Ga. There [illegible] of Mahogany [illegible] of mo[illegible]

Panelled walls in the early 19th Century manner. Over the fireplace is a drawing by Sir Joshua Reynolds of Mrs. Siddons as the Tragic Muse. Curtains of Old Rose Taffeta, Tassels, Georgian Marbleized moldings about the fireplace provide a contrast. Perrot & Perrot, Decorators



PAINTED FLOORS FOR COTTAGE

Stencil Borders, Spatter Effects and Conventional Designs
All Suggest Quaint Home Decoration

JANE STEWART

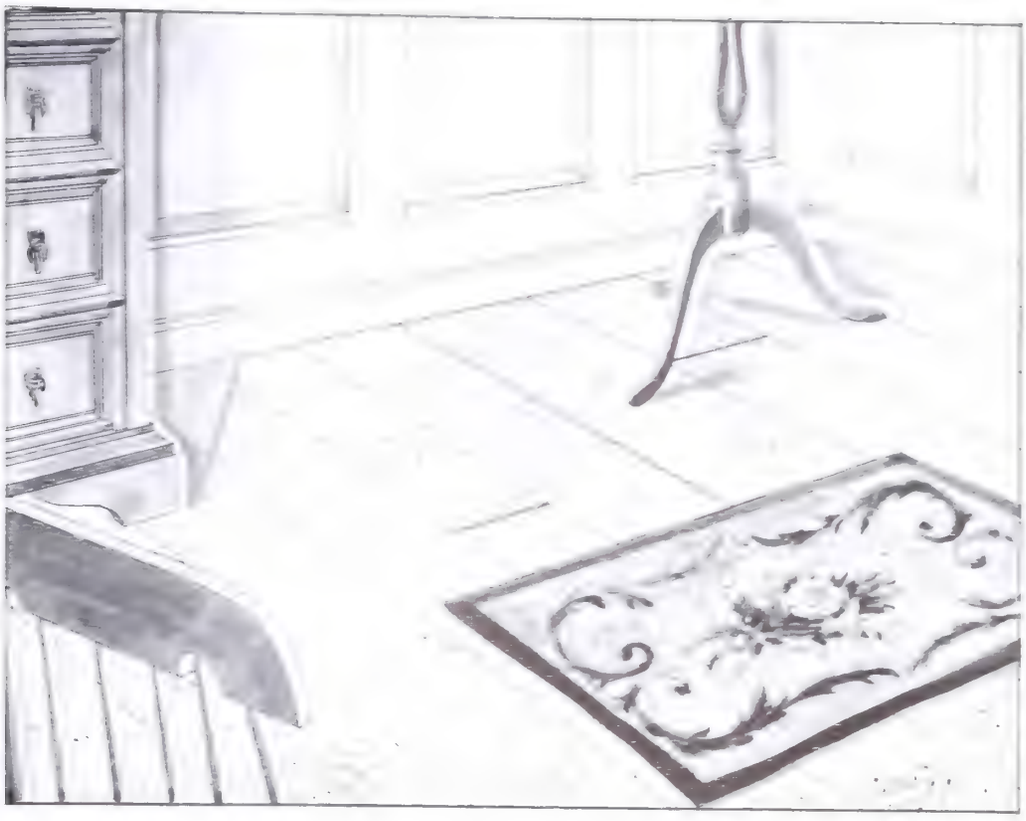
THE [illegible] foremost features. In contrast to these [illegible] or to decorate it with a stencil border.

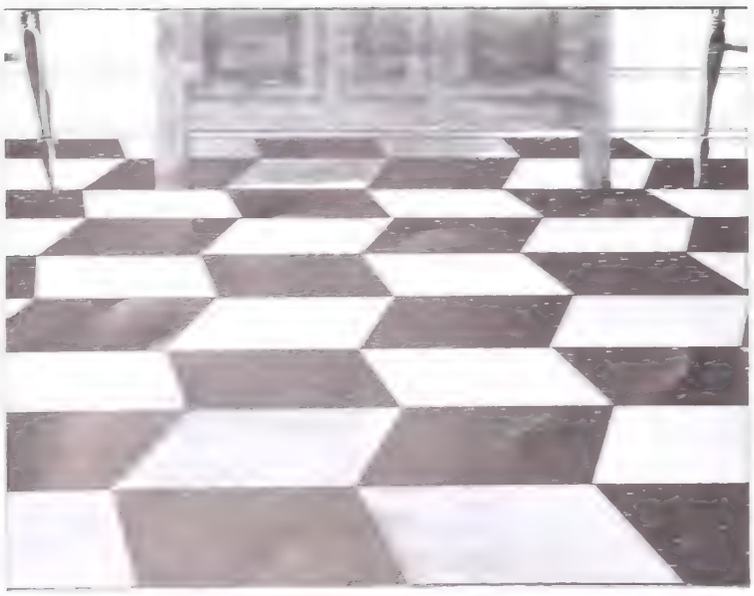
[illegible] ration is particularly appropriate now owing to the vogue of Early American [illegible] over spatter effects and the prim stencil borders combine charmingly with hooked rugs and sturdy maple. And if a more elaborate effect is required, there are the geometric patterns to simulate parquetry [illegible] tively inexpensive flooring treatment for a [illegible].

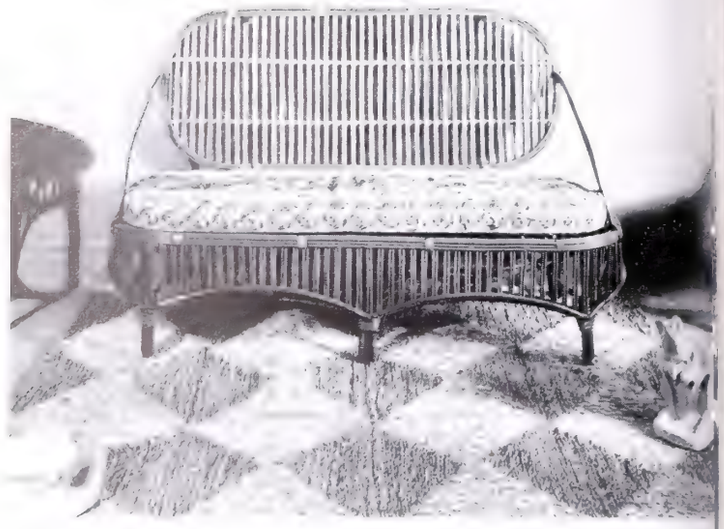
Color as well as design contributes to the interest of these decorated floors. While painted floors in the more formal rooms are generally done in black or conventional shades of browns or grays, the sunroom, bedchamber and other informal interiors lend themselves to the gayest of treatments. [illegible] not only permissible but a welcome change from the neutral tones we have used so [illegible] good black by a first coat of vermilion plus two coats of black slightly tinted with Chinese blue. This finish is especially good in combination with pinkish beige woodwork, trimmed with a narrow band of ebony. With a woodwork combination of this type the painted floor might be plain rather than decorated.

One of the simplest and most effective treatments for a painted floor in an informal country house is the stenciled [illegible] to choose from—Persian scrolls, geometric Moorish patterns, Arabian, Egyptian and Roman motifs—each in itself offers a variety of choice well suited to floor decoration. With a dark floor use light or bright colors for the stencil, otherwise the design will not show up. For a floor in one of the gayer shades, however, both light and dark colors are used. For instance, on a yellow floor in a sun room you might have a stenciled border of apple green, or of cream or pale blues and greens if the interior is a bedroom. The dominating lines of the floor border should always be horizontal and with a few possible exceptions the design should be conventionalized. A bedroom might have a corner pattern with flowers of natural forms, but even here the conventionalized motifs would ordinarily be a much safer choice.

A stenciled border is usually placed from eight to eighteen inches from the wall, depending upon the size of the room and the size of the design. The stencil is quite simple to use but the work requires some care and planning in order to correctly space and match the design. The best way is to mark off the border with a small chalk line which may be easily corrected if a mistake is made. This method is especially advisable because a small inaccuracy is





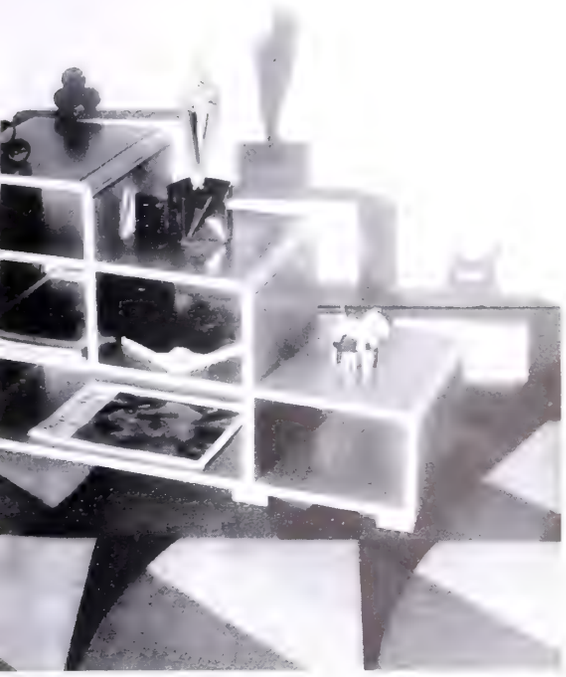


The carpet at the left has a ground in three shades of reseda green and flower motifs in beige and brown. Also to be had in tones of tan. Mary

At the bottom of the page is a hair carpet suitable for cottage interiors. Tan ground with pattern in blue, red, and green. Sloane

In the oval below is a modernist porch rug of fine straw with a brilliant flower design on a natural ground. From Altman

FLOOR COVERINGS IN NEW DESIGNS



The GARDENER'S CALENDAR for MAY

from five to seven days later or earlier in the time of carrying out the operations.

FIRST WEEK

TIME

Be

Dahlias

May. The

bulbs such as Grape-hyacinths be

planted in a partly shaded, out-of-

three years or so.

light soil. Plants of this charac-

In hotbeds and coldframes the young plants of Tomato, Lettuce, ready for the garden. But don't customed to cool air.

SECOND WEEK

IF you examine the Apple,

lars, small as yet, but destined to grow rapidly unless you destroy them. Wait

spray with kerosene, wait until

sworn enemy of the Apple crop. The only sure way of circumventing him is to spray the trees

as the flower petals fall.

For this tree and shrub spraying, as well as for use in the flower

satisfactory device is the metal

pump and nozzle. A few strokes of the pump compresses the air inside so that the spray is forced out when the nozzle control is opened.

Whatever kind of sprayer is used, it must be thoroughly cleaned inside and out as soon as the job is finished. Unless this is done there corrosion and all-around impairment.

By the middle of May the to make staking advisable. Three or four stakes equally spaced around each clump, with a heavy

ten inches above the ground, will save the stalks from being blown over or beaten down by rain. Specially made supports, too, can be bought. This precaution is

flowered modern varieties whose blossom heads are really heavy

THIRD WEEK

PEONIES and Sweet Peas should be well under way by this time and ready to benefit by every special stimulation which you give them in their preparations for flowering. In a little while the early Roses, too, will be looking for extra food.

As these three flower families start the great effort which culminates in the opening of their blossoms they need quick-acting

purpose than strong manure water.

When the Peony buds have at-

find them serving as a feeding-ground for ants. This is nothing to worry about, however, for the insects will do no harm; they are merely tickling their palates with the sticky exudation with which the buds are coated.

Peonies need no pinching back or disbudding to make them stocky and large-blossomed, but a good many other plants do. The pinching off of the tips of young growing shoots is really in the nature of pruning and has the effect of inducing the development of more numerous and stronger side branches. Thus it tends to keep the plant stocky and prevents its wast-

growth. The purpose of disbudding, of course, is to throw the plant's effort into the production

Now that the lawn-mower is working again and the grounds are producing a mixed assortment ornamental value, the compost heap can be started afresh. Valuable "manure" can be made of these waste products in a few months by the use of a powder which is specially made to hasten their disintegration.

FOURTH WEEK

THE flower seed-bed, made and managed, valuable means of supply garden with an abundance plants at very slight expen capabilities cover annual perennial flowers. Of the classes, the latter are partic timely for sowing now.

A seed-bed must have worked, light soil and some of screen that will protect seedlings from full, hot sun An excellent shade can be in the form of a lath shutte ported flat on firm stakes a of feet above the bed. The should run from north to and be

In the rock garden, now, good plan to cut back those of Iberis which have finished ering, lest they become leggy unkempt. A little judicious ning will result in a great proved shape which will loo all summer.

And if you have Pinks rockery—or anywhere else said in, for that matter—l that their soil is limey in cha full sun, good drainage complete freedom from soil the secret of success growing of these wholly d tiful flowers.

When it comes to the Gl the first plantings of which to be above ground by th a flower stake for each of t growing kinds is to be mended. Varieties like Measure and other giants wi support to prevent crooked and breakage. Better get the now and tie the plants as they grow. As the flower develop they will need s more than the strong, swo foliage. Soft twine or raffia good tying material.

party near ten o'clock. Hadn't seed him all winter, what with the bad

to goin' 'bout the old days. Cap he follered the sea years ago an' traveled 'round a lot, but last night he went away back to the times we both was leetle shavers.

"'Doc,' he says, 'D'ye remember the day Parson Doolittle was a-goin'

hall the folks in the county lookin' on? How ye waited till the two of 'em had waded out purty near to their middles an' then let drive thet scalder an' soaked the parson like he'd been ducked hisself? Gol whiskers an' howled: "Who in the name o' God thrud thet stone?"

"'Dusty he got to be quite a pillar o' the church afterwards, though I mind the time he fin'lly made up his mind to marry Jem Harding's widder after courtin' her ten year. The parson was purty near ready to tie the knot when he got the idee o' makin' ev'rybuddy repeat somethin' from the Scriptures 'bout Love. When it come Dusty's turn the old feller looks square at his bride-to-be an' says mighty strong an' stern-like: "Stay me with flagons, comfort me with apples, for I am

"'Yep, Doc, there was plenty o' them old coots thet said just whut they'd a mind to, regardless. Like 'Diah Budge—remember him?—the time Dusty asked him to chip in fer a new melodeon fer the church "Organ"' snaps 'Diah. "Music! Scat!—I'd ruther hear a bull belle.

CLEAR SOUPS OF EXQUISITE BOUQUET AND FLAVOR

That finish and perfection in soups, which are everywhere associated with the name of Campbell's, attain no finer expression than in the clear soups. Campbell's French chefs achieve a masterpiece in each of these difficult soups, so often selected to grace the formal luncheon or dinner.

Campbell's Consomme is an admirable choice for the elaborate function or for the simpler family meal. The beef broth is clarified to a beautiful amber and is exquisitely flavored with fresh vegetables, herbs and seasoning.

Campbell's Bouillon is more pronounced in flavor, and is prized also for the sick-room.



Your grocer has, or will get for you, any of the 21 Campbell's Soups listed on each label. Look for the Red-and-White Label.

Campbell's Julienne is another happy note when guests are being entertained. To the rich beef broth are added whole small peas, and the vegetables in shredded form impart additional charm.

Campbell's Printanier lends to both eye and taste its dainty reminder of the Springtime. In the subtly blended chicken and beef broth appear vegetables cut in small fancy shapes. This soup jells when the can is placed on ice overnight. It is an appealing delicacy.

Adding an equal quantity of water, then bringing to a boil and simmering a few minutes—and Campbell's Soups are ready to serve. 12 cents a can.



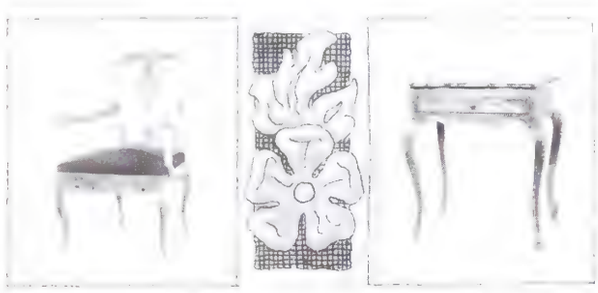
WITH THE MEAL OR AS A MEAL SOUP BELONGS IN THE DAILY DIET



Carved by L. Vander Laan & Bro.

CARVED PIECES

Magnificent carved pieces which have virtually stepped across the centuries from the salons of Louis XIV and the palaces of the Italian Renaissance are assembled at the Lightolier Galleries. At such a vast collection, ranging from dainty tables to massive chests, one quickly discovers the precise pieces for any decorative scheme at prices for any appropriation, however modest. Decorators and their clients who wish to send descriptions of particular pieces which they desire will receive photographs of appropriate selections available at these Galleries.



LIGHTOLIER GALLERIES

[illegible] BROADWAY ~ NEW YORK

[illegible] HOLLYWOOD BLVD ~ LOS ANGELES



An unusually interesting ornamental door screen is a distinctive feature of this fine panelled room, John H. Hazell, Inc., decorators

CHARACTER IN WOODWOR

(Continued from page [illegible])

[illegible] to be lost or its value lessened. The same bold and vigorous treatment given the ceilings is likely to be used for the doors and the mouldings, a feature which is so much used in Italian and Spanish architecture, as well as for the choice of the very ornate locks or clasps which are often used. Nowadays, when a room is executed in wood, but the panelling is not required, but the ornamental woodwork, whether of doors, frames or any crevices, is given an elaborate appearance, whatever feeling of age may be sought, much of the [illegible] is set in richly-carved frames, [illegible] with inlays of [illegible] and [illegible], the surrounding woodwork [illegible] is sometimes painted and then painted to match the walls themselves rather than the [illegible] woodwork. Beamed ceilings, when treated in like manner or else are [illegible]. Architects and interior decorators know that the Italian and Spanish styles of furniture and decoration are too much of their [illegible] and striking contrast, and this contrast is had when [illegible] dissimilar mediums are thrown into emphasis with plastered walls which, having no decoration or [illegible] pattern, are likely to have considerable texture, mellowness and depth.

But while the early Italian and Spanish types have more or less been following in America, chiefly in [illegible] many parts of the country as Florida and California, where their [illegible] character seems to accord with the setting, our domestic architecture is much more likely to follow some one of the English types or else that [illegible] son of the English fashions of building which Americans are fond of calling "Colonial." Here again, and most fortunately, the designer or woodwork as well defined, formulated, and there need be little danger of inconsistency if the home builder or his architect keep in mind the general rules of good taste. American Colonial—or at any rate those settled from England—had their beginnings in the early part of the 17th Century, and their early buildings were portions of the utmost simplicity without and within. The

(Continued on page [illegible])



Gottscho

Executed after the late Georgian fashion, the dining room in the New York City apartment of Adolph Zukor has panelled walls of walnut. Heris Bros., decorators



YOU'RE AT A BROADWAY VAUDEVILLE SHOW

The New Orthophonic
Victrola

deep-throated twang of a mellow guitar on the knee of a musical
n. Fifteen or twenty verses of a song so incredibly foolish, you
hey are improvised on the spot. But the tune is catching. Feet
apping and heads are nodding to the sing-song rhythm. You're
Broadway vaudeville show—*in your own home!* ' ' ' So startlingly
te is reproduction through the Orthophonic Victrola, you visu-
the whole scene. Instinctively, you applaud as the music stops.
Some day you will own one of these incomparable instruments
furnish every type of entertainment. Why put it off? See your
r dealer at once and arrange for a demonstration *in your home.*



Model Ten-seventy. The Automatic Victrola. Changes its own records. Volume can be regulated from whisper to full orchestra. List price $1400. There are Victor models to meet every taste and purse, from $75 to $1550, list price.

OR TALKING MACHINE COMPANY, CAMDEN, NEW JERSEY, U. S. A.



An exceptionally good George I burr walnut bureau cabinet and Queen Anne [illegible] *only added to the Colby Collection.*

WE invite your inquiry about any antique furniture in which you may be interested. Our collection of European antiques is one of the largest and most interesting in America

Antiques
Period furniture
Interior decoration

JOHN A. COLBY
[illegible] NORTH [illegible]
CHI[illegible]



In the Tudor apartment an early English library is panele[d] in [illegible] oak. The architectural treatment of this room suggests both Tudor and Jacobean influence. Herts Bros., decorators

CHARACTER IN WOODWO[RK]

(Continued from page 136)

[illegible] woodwork, usually austere in character but of considerable beauty, was patterned after what the settlers had known and probably lived with in England; their walls were often sheathed vertically, wide planks or boards, usually of pine, being used, with occasionally some treatment of the edges of the boards which gave to the sheathing something of the effect of wood paneling.

Sheathing at times covered all the walls of a room and sometimes but one wall, the remaining three being plastered. Doors were generally battened (made, like the walls, of boards placed vertically), and windows were likely to be casements, all this woodwork being of the simplest and most economical character. The timbers of ceilings were usually left exposed, and all this woodwork—walls, ceilings, etc.—was left in its natural state to assume with the passing of time that richness of tone which comes from wear and exposure to the atmosphere. Woodwork of the later periods was not often left to acquire its finishing patina with the passing of time but was painted, not only white, cream or gray but red, blue, buff or green, this use of color adding considerably to the richness of the interior.

The American colonists fo[llowed] the mother country in every[thing] everything, that is, in a [more] simplified or modified form; [each] fashion which came into [vogue] England presently found a fo[llower] upon the other side of the [Atlantic] And so with fashions [in] woodwork. As English archit[ects] came more familiar with their [own] ular version of the Renaissan[ce] interior woodwork became co[m]more and more refined and s[o]cated. Paneling as applied t[o] underwent many changes, [and] came into being a particular [type] paneling for use with each [of] well defined architectural style[s] followed one another. All t[hese] studied and followed (in adap[tation] that is) in America, aided not [only] by the books of designs w[hich] English architects were fond [of] lishing and which made possi[ble] production in America of much [that] was finding favor in London [and] presently arose in America a sch[ool] super-carpenters or woodwork[ers] were themselves students of [the] design and capable of detailing

(Continued on page [illegible])



The primitive charm of an early American interior is shown by the living room in the Locust Valley, L. I., home of William Jay Robinson. Jane Teller, decorator



THE PURCHASING AGENT OF THE *Benjamin Franklin* SPECIFIES CANNON TOWELS



traditional Philadelphia hospitality. Hotel Benjamin Franklin welcomes d. . . . If you could go behind the auntering through the great kitchens, g the immense storerooms, visiting uet rooms, making a tour of the suites, ve hundred rooms and baths, you impressed with the fact that a hotel ze is a town in itself.

ally, in an establishment where house- s done on such a huge scale, ordering pment is a business in itself. . . . The ng agent of the Benjamin Franklin fied "complete Cannon service."

neans that in the bathrooms through- hotel there are Cannon bath mats, bath towels, Cannon face towels and hand towels.

ce of this kind is governed by the same hat influence individual housekeepers buying. Looks. Wearing qualities.



Bath towels of pink, blue, \$1.75 *and* \$1.50.

Prices. And most of the fine hotels in America choose Cannon towels!

Cannon towels are exceedingly good-looking. Modern decorative designs, conservative stripes, floral effects. Borders in green, gold, lavender, blue and pink.* You will like the all-white towels for monogramming.

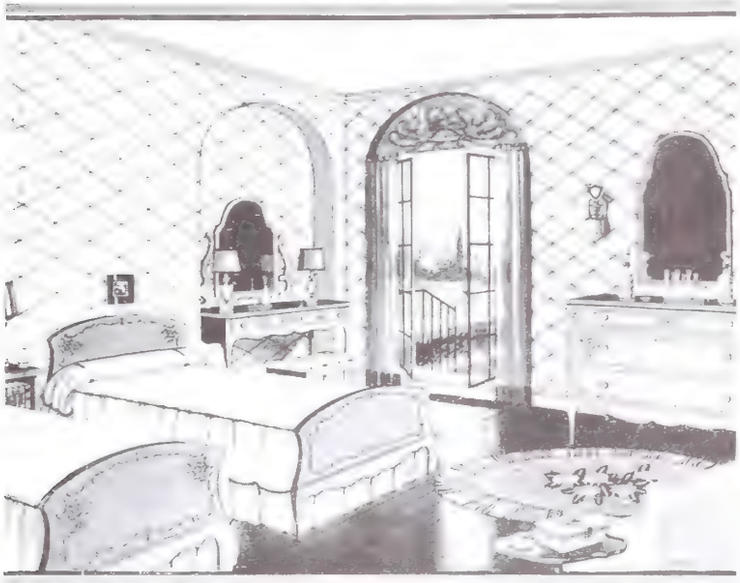
Cannon towels are eminently practical and extremely serviceable. They wash well and wear well. Prices are outstandingly reasonable. Shop around, compare quality. You understand why experienced purchasing agents specify "Cannon service."

May is none too soon to consider summer cottage supplies and bath towels for the swimming season. Cannon towels, bath mats, bath sheets and wash cloths are on sale in good department stores and dry goods stores everywhere. Prices 25c to \$3.50. Cannon Mills, Inc., 70 Worth Street, New York City.

**All colors guaranteed absolutely fast.*



It is Hathaway's sincere desire to serve you with furniture in good taste—to offer you a wide and varied range from which to choose, whether it be complete groups or occasional pieces—and never to forget that moderate prices are as attractive to you as delightful pieces.



Painted furniture will cheer and brighten your darkest bedroom

BEING the color of summer indoors with cheerful, painted furniture. The group shown, designed for Hathaway's, is in excellent taste. You will find it on our floors in blue green enamel with painted decorations. But it can be had in any color that you wish. Should you choose eight pieces with twin beds, chest and chair not shown, the cost is $630. Pieces can be had separately.

• • •

HERE is a delightful [illegible] decoration for the suite in blue green enamel: Walls: A quaint, sprigged paper with notes of apricot and blue gre[illegible]
Woodwork: A light blue green.
Curtains: Apricot gauze, [illegible] taffeta under blue. Taffeta spreads repeat the colors.
Floors: Hooked rugs with flower patterns.

• • •

WHATEVER your problem of decoration, bring them to our decorators. There is no obligation on your part, except to tell them what you want and how little you want to spend.

• • •

Dining room groups from -
Bedroom groups from -
Living room groups from -



[illegible] bedroom. Priced



attractive lamps. your needs for



shown. It will do

HATHAWAYS
51 WEST 45

CHARACTER IN WOODWO

(Continued from page 138)

[illegible] and [illegible] than [illegible] the Atlantic seaboard can today boast with interior woodwork or trim sufficiently graceful to fill modern architects and woodworkers with envy if not with despair.

There are not wanting guides which point the way to the correct use of American interior woodwork. Although Boston is said to have in preparation something which will place it under a more or less complete eclipse, there now exists nothing more helpful in its way than the American Wing at the [illegible] Museum of Art. Behind its richly restrained English Renaissance facade, moved from elsewhere in New York, there are arranged an entire series of rooms architecturally correct and correctly furnished. The woodwork of these rooms, which in each instance has been brought bodily from some old house along the Atlantic seaboard, represents all the different periods of American [illegible] middle and late, as well as the early [illegible] These rooms present, as nothing else does, [illegible] interior woodwork at its best.

But there exist other means by which the present-day home builder [illegible] ental importance as interior trim. [illegible] and certain other countries of Europe have been visited and photographed, and drawings carefully made to scale make the following of other wood- [illegible] almost everything of value or interest has been made the subject of illustrations and measured drawings. Architects of the most careful training and of the keenest discrimination have ransacked even the most remote old villages, towns, and scattered hamlets in Maryland, Virginia, Delaware, the Middle States, and of course New England, and have placed on record their treasures of design for the [illegible] the best of precedent. Then again, there are certain wood working firms which supply ready-made trim which is highly desirable. It has been designed in some instances by well [illegible] scale which is likely in the vast majority of cases to be satisfactory, and this woodwork includes not only such interior details as mantels, door and window trim, cupboards and corner cupboards and the like, but also details for exterior use, such as [illegible] doorways, porticoes, etc.

At present considerable attention is being directed toward the simpler types of French architecture—not so much the beautiful, highly sophisticated styles which were evolved by the great Parisian masters of design, but rather the following of their [illegible] by architects and builders in the smaller cities and towns and in the rural districts. This is the type known as French Provincial, and its graceful [illegible]

appreciation and much use. W[illegible] never been over-abundant in [illegible] and the thrifty French have be[illegible] ful in its use. For actual [illegible] they are likely to use other m[illegible] easily had in the localities co[illegible] —[illegible] in regions where clay suitable for brick making is obtainable.

For their interior arch[illegible] however, much use has alwa[illegible] made of wood, and in forms [illegible] are beautiful indeed. French [illegible] ture is almost invariably of [illegible] scale, and few pieces are of an[illegible] height. To create a backgrou[illegible] pieces of furniture such as con[illegible] canapes, bergères, etc., reliant [illegible] which are architecturally [illegible] wall treatment in France has [illegible] in its character from what ob[illegible] either England or America. [illegible] variably rectilinear, the French [illegible] ing abounds in graceful, f[illegible] curving lines, the panels be[illegible] outlined by curves or els[illegible] straight lines at sides and bott[illegible] the tops given some graceful [illegible] form. Wainscots of wood ar[illegible] used, and since the mantels or c[illegible] pieces are low, like the furnitu[illegible] as a rule rise only to the he[illegible] the wainscot, the chimney brea[illegible] the mantel being sometimes g[illegible] highly architectural form kn[illegible] a trumeau, a framing of [illegible] generally carved, surround[illegible] painting or possibly a mirror.

Windows in French houses, [illegible] in town or country, are almost [illegible] built with casements and the[illegible] instead of being rectangular [illegible] almost always the case in Eng[illegible] America, are themselves give[illegible] ing lines which aid in heig[illegible] the refinement and delicacy [illegible] render all French interior wo[illegible] appears on much of this wo[illegible] the carving being usually [illegible] to the most important detai[illegible] as the mantel or the trumeau; [illegible] takes the form of flowers or [illegible] and is invariably simple and g[illegible] [illegible] times left in the natural br[illegible] painted, favorite colors being [illegible] period furniture or antiques ha[illegible] wares, and there exist quite a [illegible] provincial manner. These [illegible] likely to be the work of wel[illegible] architects and interior decorat[illegible] have at their command the [illegible] of large stocks, and in thes[illegible] the student may study the ty[illegible] its simplicity and charm. It [illegible] excellent setting for Amer[illegible] English furniture of the simp[illegible] and this, of course, accounts [illegible]

OMMUNITY PLATE



Waterwelt



is tea service, in the Early-American
nner is typical of Paul Revere serving
ces. It is $60.00 for the three pieces.

THE PAUL REVERE

A design taken from pure 18th Century motifs . . . shapes reproducing museum pieces of Paul Revere's own making. Silverware that reflects in every serene and gracious line, in every pure curve of its luminous surface, the dominant style-note of this century: the *Colonial*, or *Early American* . . . That is the PAUL REVERE pattern—which answers the demand for silver to go with the vogue for Early-American maple and pine . . . and gives back to American women their lost heritage of ancestral silver . . . A service of flat silver for six is $31.00 . . . *At your jeweler's, now . . !*

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Lloyd's Bay of Naples—in restful tones of sepia

Lloyd's Bay of Naples

THIS exceptionally interesting pattern of wallpaper was first made in France, in the early days of the Nineteenth Century, and clipper ships soon brought it to America. The original was removed recently from an old Colonial house at Woodbury, Connecticut, and sent to England, where it was reproduced for Lloyd. The design—charmingly conceived and beautifully executed—shows vistas of the lovely Bay of Naples. It is a particularly appropriate and distinctive paper for hall. dining, or living room.

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FIRE PREVENTI

(Continued from page 118)

[illegible] treatment, well placed fire-stops. Their purpose is to delay the progress of fire and so assist in confining it to the story in which it starts. This protects life.

The danger resulting from careless workmanship is greater in the construction of wooden fire-stops than when incombustible material is used. The reason for this is that as the spaces between studs and joists vary somewhat, and as odd ends of timber are used for the purpose, it often happens that the opening supposed to be filled is actually not completely closed. There will be a space of one-quarter to one half inch, due to a piece happening to be that much short of the correct length, but which is considered "good enough" for the purpose. Another cause for openings at the ends is that, at the end of a top-piece not square, a careless person will consider it too much trouble to saw it to fit, or a stud or joist may be warped, or not set square-ly, and unless the stop-piece is carefully fitted, an opening will be left. These are things to be watched when your house is in process of construction. The same defects exist at the ends of the stop-piece, and as all joints are sure to widen somewhat due to shrinkage, it is extremely important that such fire-stopping be used for walls or partitions and an incombustible top should be placed across the ends midway between floor and ceiling.

Fire-stopping for walls and partitions is frequently made of brickwork, [illegible] purpose almost any sort of bricks will serve, such as second-hand, under-burned, chipped, broken, [illegible] providing that sufficient mortar be used to fill all joints [illegible]

TYPE OF GLA

Staircase windows should be in metal frames and wired. Ordinary glass, either thick or thin, breaks and falls from the sash very quickly when attacked by fire, and is not adequately fire-stopping. It is self-evident that if openings were thus formed in such a partition its value will immediately be lost. Wired glass, on the other hand, or plate glass in metal frames, will stay in place until the glass melts, and it requires a severe fire to do that. Wired glass will also stay in place even though water be thrown upon it while hot, but will not withstand the full force of a fire engine stream. Plate glass is prone to fall out if sprayed by water when hot. Neither glass will prevent heat being radiated through it; hence, there is always danger that combustible material, even though some distance away from the opposite side of the glass, may be ignited from this cause.

When two portions of a dwelling are at right angles to each other, the windows in the angle should be placed as far away from it as possible, to avoid a fire jumping through them from one wing to the other.

The heating plant, of course, can be a menace if not installed properly. No heating pipe should rest on wood or even touch it. Recently house in which the pipes ra wooden beams that we expec to hear of a "fire sale".

The stove in your kitchen set on stone or composition feet from uninsulated or u walls or partitions; in ins shielded cases, the minimu vening space should be s Metal or asbestos can be use sulating. All places through pipe passes must be protected

For your roof shingles, pl any of the absolutely non-infl kinds. Your house is in da only from itself, but fro from other houses.

In designing the fireplace always anxious to have grea as its keynote. It is quite fit such be the motive, but mix eminently good desire a de will not add danger to your the mantel be of wood, ne hang over the fireplace, close to permit it to blister from and, eventually, to burn.

FIRE EXTINGUI-HER

Arrange to have fire exti shelves or brackets in available in the house and garage, just plan for your book shelves or This is particularly necessary are outside of a district in there is up-to-date fire fight paratus. Easily manageable guishers are made today an material in them which does troy property but that simply nd smothers fires.

Furnaces with their ash rec must be on a solid foundati cased on all sides with incom covering, and entirely divorce the structural floors above. B fires are one of the great fire Automatic sprinkler heads, of are useful in a cellar.

Electric fires are usually ca carelessness in insulation o carelessness by users of elec The published National Electri if followed, will save muc Every exigency is covered in th and it is easily procurable.

The garaging of automobiles the home roof is often a menace there are ample and adequate c Frequently, too, you are expo the danger of someone else's structure which houses a car n If you have a car under you roof, insulate the connecting floors and ceilings. You have to against carelessness in the ha of gasoline.

Lightning rods are recomm for buildings over one story Buildings covered with metal r connected by metal leaders to tern or into damp earth are sidered to be protected from lig in this way.

When an outside aerial is pl for your radio, a lightning a must be used and it must be nected to a ground such as the pipe, radiator or gas pipe. building your home, it will sav effort to remember this.



Sparks of live beauty caught and meshed in the simplest of platinum settings. The diamond chain is a radiant adornment and an appropriate element in an afternoon or evening toilette.

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Woolastik Sweaters
are made of FLEISHER XXX YAR
and carry the Fleisher Guarantee Tag

THE Franklin Sweater Mills have long been famous for the good looks, high quality and nice finish of their men's and women's sweaters. When you choose these attractive Woolastik garments for sportswear, you know that as well as buying smart and up-to-date styles, you are getting merchandise that is sure to give satisfactory service.

What made of Fleisher XXX Yarn means

Woolastik sweaters are manufactured efficiently, in a way which makes certain fine workmanship and well-worked-out details. They are made of the finest yarn to be bought —FLEISHER XXX YARN. This remarkable yarn is the triumph of a concern that has been famous for the excellence of its yarns for more than half a century. FLEISHER XXX YARN will give long and substantial service. Its wearing qualities are guaranteed without qualification by Fleisher. Read the Fleisher guarantee—it tells the whole story: the garment replaced or your money refunded, if you are not satisfied with the way the yarn wears.

Ask for Woolastik garments by name. A wide range of colors; an unlimited variety of novelty borders and trimmings in up-to-the-minute styles. Franklin Sweater Mills, Philadelphia.

Look for this Woolastik label. It is sewed into the sweaters made by the Franklin Sweater Mills. It guarantees style and satisfaction.

ALL WOOL
WOOLASTIK
"By Preference"
FRANKLIN SWEATER MILLS
PHILADELPHIA



Marie Prevost and Cullen Landis, st in "On to Reno," sponsor and w Woolastik garments.

This Fleisher guarantee tag appears o every Woolastik garment

The FLEISHER XXX YARN in Woolastik swea guaranteed to wear by Fleisher. The guarantee, ap on reverse side of tag shown here, reads:

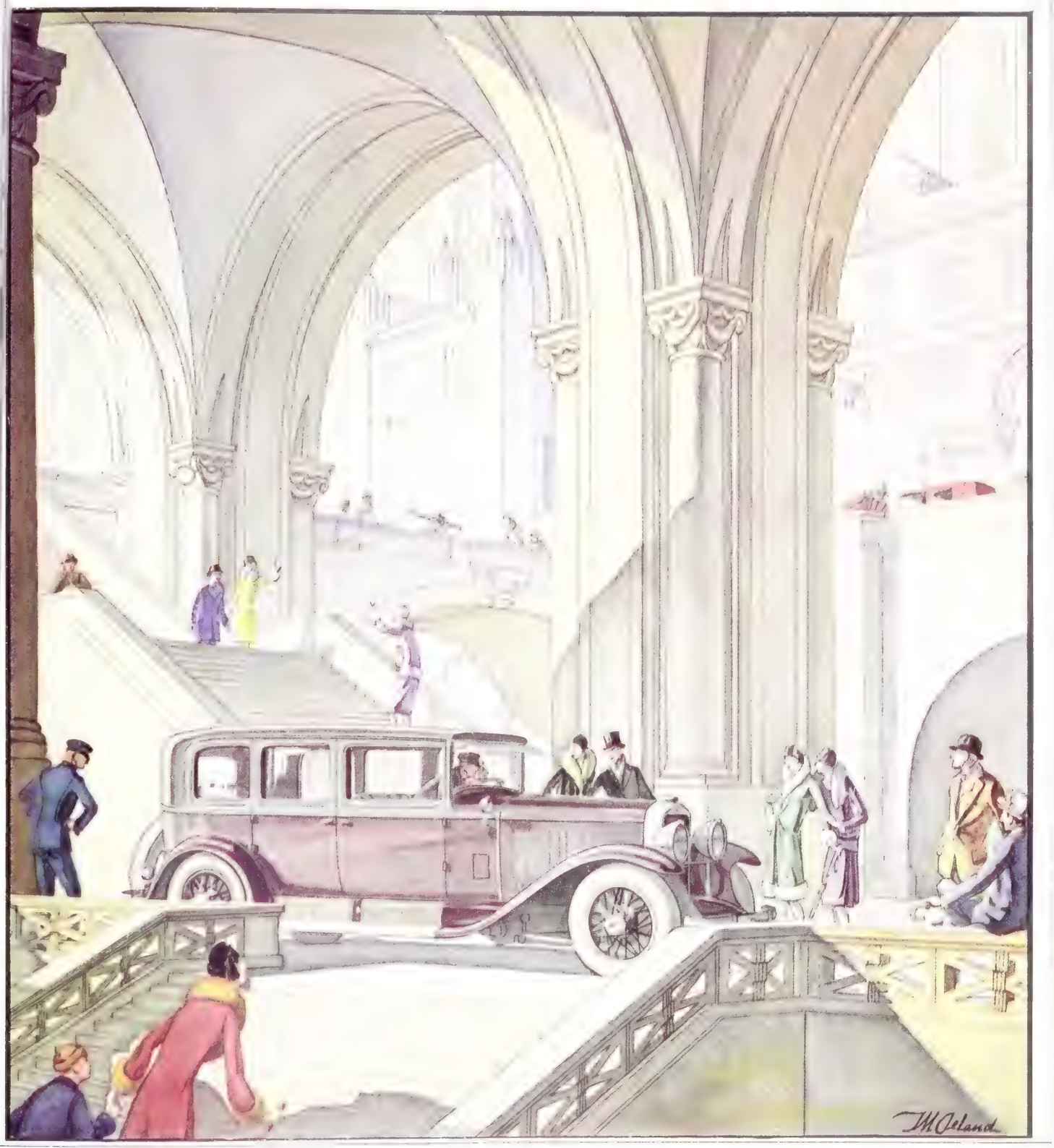
This garment is knitted of FLEISHER XXX GUAR YARN, a worsted yarn made entirely of especially s pure virgin wool, the wearing quality of which is *Guar*

If the yarn in this garment should fail to give yo factory wear, send it direct to us with this tag and t sales-slip, and we will replace the garment or at our refund the purchase price. S. B. & B. W. Fleishe 25th and Reed Streets, Philadelphia.

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EVEN though Cadillac is recognized as one of the world's exclusive cars, no price premium attaches to its exclusiveness. Today's Cadillac expresses beauty in its most regal mood. The 90-degree, V-type, eight-cylinder engine is developed to still greater heights. But price is relatively lower. Much that was hitherto obtainable only in custom-built models is now standard. Cadillac stands alone in quality and in value. Consequently an ever-increasing proportion of fine car buyers are making it their choice.

More than 50 exclusive body styles by Fisher and Fisher-Fleetwood

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Their colors have an affinity for today's most sought-after decorative effects. Their designs, whether from the nomadic rug-weaving tribes of the Near and Middle East or from the unknown masters whose skill flowered under Shah or Sultan, are always authentic, always in good taste.

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Bigelow-Hartford Rugs and Carpets are on sale by progressive dealers everywhere. If you are in doubt as to where you may see them, write, and we shall gladly give you the name of a nearby merchant...one who, if requested, can give reliable advice on decoration.

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There's a touch of masterfulness and robust vigor in the Antique. Strong, sweeping lines — broad surfaces — massive weight — an almost scornful simplicity, yet softly feminine with its graceful curves and strange, velvet-like texture of surface. A pattern which coincides with the direct, energetic, modern America of today.

But to appreciate the complete distinction of this most unusual silver — the Antique, you must see it at your jeweler's. We will gladly send you a special booklet illustrating the complete Antique service and at the same time, booklets illustrating any other Wallace patterns in which you signify an interest. Address R. Wallace & Sons Mfg. Co., 605 Wallace Park, Wallingford, Conn.

Antique Tea Spoons are $13.50 in cases of six, Dinner Forks $27.50 and Dinner Knives $22.50. The Tomato Server is $10, the Tea Set of 5 pieces is $400, with Waiter $625.











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STERLING SILVER

Pure toned . . .

full volumed . . .

luxuriously beautiful



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YOU will always be proud of your Brambach. With its exacting fine rich woods, gleaming surface, it exemplifies the piano-maker's art at its finest. Offered in a number of lovely and authentic period models, the Brambach graces a room with the charm, the elegance, which only the grand piano can give. Scaled to fit modern interiors, the Brambach Baby Grand retains the ample volume, pure tone and rich resonance for which Brambachs have been noted for more than a hundred years. Visit the nearest Brambach dealer—you will agree that the Brambach piano is the ideal instrument for teacher, for studio and for home.

$675

Name

State

ZONING FOR TOWN BETTERME

(*Continued from page 125*)

living in zoned municipalities, repre- the urban population of the United States. Forty- bia have enacted laws permitting in these States there are 576 places that have been zoned.

N Y the list with 93 cities, towns and villages that are zoned, and Delaware, Kentucky, Louisiana, Maine, Maryland, Nevada and South Carolina fall in at the end of the list with only one

It is interesting to note in this connection that there are now in this country 52 municipalities with over 138 from 1,000 to 5,000 and there of less than 1,000 people.

New York City was first in this zoning ordinance. This was put into operation for more than eleven years, restricted the uses of land in 1909.

system. Cleveland, Detroit, Philadelphia, New Orleans and Louisville, Ky., now have comprehensive zoning plans in preparation and expect soon to be added to the list of zoned municipalities. The list of American cities which do not have zoning in some form is fast dwindling.

a fact in a municipality, it is first of all necessary that the State shall have recognized zoning by the passage of drawn from "A Standard Zoning Enabling Act" which was prepared by the Advisory Committee on zoning of the Department of Commerce, and are at present very few states that do not recognize zoning.

As a start, the municipality should have a detailed study made of existing conditions, through the preparation of survey maps showing the character and location of every building within its limits, as well as building lines, set-backs and side lots, street widths, the location of existing railroads and waterways, etc. Based upon the completed maps, a proposed zoning ordinance is drawn up and in its completed form is presented to the property owners in a public hearing. In order to survive the test of time, such restrictions as are made must be intelligent in their provisions and must be so framed as to afford equal and adequate protection to all classes.

City planning and zoning commissions generally oversee the preparatory work of laying out a zoning and they make the what the tentative plan shall in the form which it is to be pre- the property owners. N ordinance, however, can be wisely ministered without a board of or adjustment for the hearing of where a strict interpretation law will seem to work a hards individuals. In most where zoning is in practice, the of appeals is composed of from to seven members, including out ing local men whose activities familiarized them with the nee of building and land issues—such as the chief city engineer, the missioner of health, president board of fire commissioners, ex in real estate, experienced contra practical business men, an arch an attorney or a social worker.

BOARD OF APPEALS

When the zoning ordinance force, it is usually one of the of the building inspector's off buildings and decide if such conform to the zoning require applicant has the right to prese case to the board of appeals for sideration. The appellant is n to the expense of court costs decision is usually given within days after the hearing.

appeals it is the practice for t the property and conditions aff it, presenting his findings in w to the board during the hearing public hearing is preceded by th ing of a notice for a period of on the property in question a publication of similar notices in of the local newspapers.

Only in rare instances has found necessary to carry cases higher courts following the d through the fair action of these has been greatly protected. I three years in which Kansas C had a board of appeals it has found that of 600 cases appeale permits were granted with mo tions. Denver, Colorado, hear cases in its first year, of whic Providence, R. I. found that 7 by its board of review.

The fundamental princip zoning have been tried by the States Supreme Court and hav found constitutional. A well- test case was that of the Vill Euclid vs. The Ambler Realty pany, decided in November of This case has since been follo a number of others in variou of the country, all of which h held the restrictions that were by the zoning ordinance.

Zoning a city resembles clos arrangement of a house. would think of building a hou

(*Continued on page*



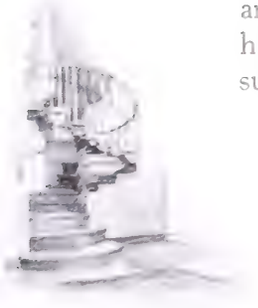
New York Galleries, Inc., Decorators

THERE is "personality" and interest about an interior which draws its inspiration from sources of foreign yet sympathetic character, rather than from a strict interpretation of some "period." ∾

¶ The sleeping room here visualizes the very essence of this idea . . . the exuberant color of the satin-wood desk and chair of English design contrasts happily with the background in subdued tones, which are repeated in the lovely bed and other French pieces of contemporaneous origin. ∾ ∾

¶ In their wide provision for every decorative requirement, the exhibits at these Galleries include a notable collection of antiquities from three centuries of European culture. ∾ ∾

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STERLING
925/1000 Fine

For People Who Enrich Life with Worthwhile Possessi

Only when you see these lovely «Treasure» designs in actual silver at your jewel and take the pieces in your own hands—can you catch the whole secret of their

Surely, there is nothing in silver design that appeals quite so much as simp And here, supremely, is the simplicity and cleanness of line—the exquisite deli which the William and Mary period brought to English decoration.

The characteristic cyma curve and half circle top lend an exceeding grac distinction. And in the Mary II pattern you find, also, the characteristic smooth surfaces, as the fine tracery design of arabesque motif is sunken below the after the manner of flat-chasing.

Either of these two designs suggests a graceful harmony with the Engl Early American note in furnishings, and offers the permanency of good taste



ic period designs afford. STERLING, of course .... because only in STERLING ense of permanency possible.

f you would like catalogues of either the William and Mary or Mary II patterns, ill be gladly sent if you will send us 10 cents (postage or coin) and check- ne coupon so as to denote the pattern of your choice.

nd we believe you will also be interested in «The Art of Table Setting.» This is d in portfolio style, 10 by 12½ inches in size, with large 7 by 9 inch illustrations how model table settings, made under the supervision of the author of a well- book of etiquette. We shall be glad to send this too, if you will enclose 30 dditional to cover a portion of its cost.

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I have put a check-mark in the squares below to indicate those [illegible] which I would like to have you send me, and I have enclosed [illegible] coin to cover the cost of mailing.

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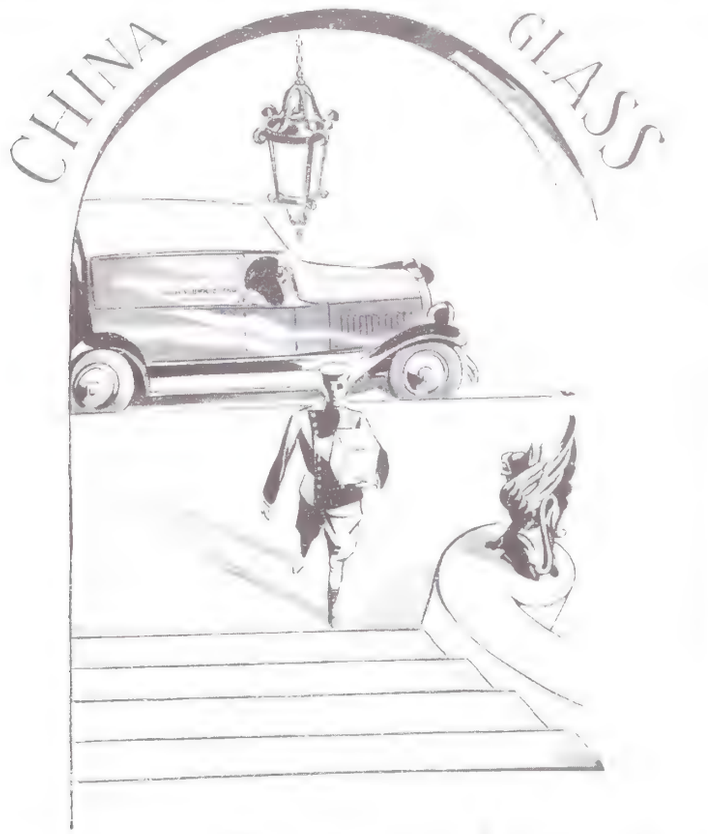
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William & Mary Brochure (free)

☐ Mary II Brochure (free) ☐ The Art of Table Setting (10c)

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Among the Distinguished Arrivals—
A Gift from Plummer's!

"From Plummer's" is as significant an inscription in the matter of China and Glass as the Sterling Mark on silver. No matter what the occasion—be it bridal or otherwise—a gift "From Plummer's" evokes the little exclamation of delight that always accompanies recognition of the finest.

All of the leading makes of china and glass and kindred ware for cupboard and table are available at this shop. Many of the beautiful patterns displayed here are exclusive, they can be had nowhere else in America. And thus *individuality* is one of the explanations possible for the high type patronage which Plummer's has enjoyed for years.

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CAULDON ROYAL WORCESTER ROYAL DOULTON COALPORT

ZONING FOR TOWN BETTERMEI

(Continued from page 146)

[illegible] of a kitchen [illegible] front door may [illegible] would ordinarily place the sleeping room in the basement or the furnace in the attic. In just such manner is the modern city zoned for its one-family residence districts, two or more family districts, buffer sections allowing more than one-family houses and apartment buildings with stores and classified business areas, as well as light and heavy industrial areas, heights, uses, areas, density of population and the many other [illegible] which go to make up the requirements of [illegible] the municipality under consider

Zoning restrictions make for ligent living and for the pro of all classes alike, with exce where justified, under the plan board of appeals, providing more harmonious community li a more intelligent plan of grow expansion.

HESTER SC

NOTE: *The article above is th of a series dealing with the pr methods of furthering Town ment. The next article will app in early issue*

FREE NOTE: In the Town Betterment Series the subjects liste below have been considered. Those that are starred are accompanied original designs for buildings, etc., of which working drawings may [illegible] obtained at a nominal price of $1 for each individual set. Apply the Town Betterment Editor, House & Garden, Graybar Bldg., Le [illegible] Avenue, at 43rd Street, New York, N. Y.

Roadside Booths	April 192
[illegible] & Hedge Pol	May 192
Filling Stations	June 192
[illegible]	July 192
Roadside Signs	Aug. 192
Small Buildings	Sept. 192
[illegible]	Nov. 192
Club Houses	Dec. 192
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Band Stands	April 192
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Outdoor Theaters	Sept. 192
[illegible]	Oct. 192
[illegible]	Nov. 192
[illegible]	Jan. 192
Steps Toward A City Plan	Mar. 192
Municipal Rose Garden	April 192

HOUSE & GARDEN'S BOOKSHE

[illegible] Book of Italian, [illegible] Portuguese Furniture. By H. D. Eberlein and R. W. Ramsdell. Philadelphia: J. B. Lippincott Company.

ANOTHER of Mr. Eberlein's valuable books has appeared, this [illegible] collaboration with Mr. Roger Wearne Ramsdell. They have vindicated the assembling of the cabinet-work of these three Latin countries, which students always mentally correlate, and have presented the subject in such a concise and orderly way as to warrant the use of the word "practical" in their title. Notwithstanding this fact we confess that the chapter on Portuguese Furniture acted like a magnet to attract our first attention. So little has been written heretofore about the furniture of Portugal that every scrap of a data is welcome. Referring to th ter of spiral twisting in furnitu and ornament, the writers have t upon a subject now about ripe f investigation. We ourselves ha the matter in hand more than o started some research work b dropped it for more urgent a

The Italian Renaissance has occupied the attention of ev interested in art and furnishin a fuller presentation of th periods in Italy and Spain is es welcome at this time, when t complishment is being given th recognition it deserves.

The work is carefully syste Backgrounds are given first co tion, followed by the articles o ture in use, and then come M

(Continued on page 15



A Bronze, "The Dancing Lesson," by Lehman

Jewels for the bride. An important marquise diamond ring. A circle of diamond baguettes. A brooch of baguette and round diamonds. Each jewel an exclusive accomplishment and a specimen of finest quality.

J. E. CALDWELL & CO.

Philadelphia

Planning Home Decoration ?



This latest guide to artistic interiors will help beautify your home..*save you money.*
SEND FOR IT !

These vagrant spring days make you long for new decorations and fresh draperies in your home . . . If you are pondering on how to treat a room of northern or western or eastern exposure; or if you are seeking a new style or color scheme in valances or over-draperies—send 25c in coin or stamps for our new book "Color and Design—Dominant Notes of the Modern Home" by Marcia Meadows, Interior Decorator. It is practical and helpful; there is a coupon below for your convenience.

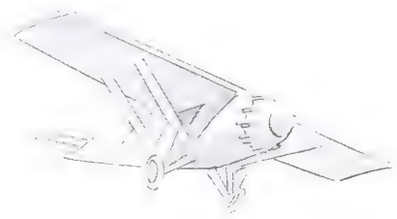
And if you are yearning for some especially lovely designs or colors, see Colonial Drapery Fabrics. They're well worth looking for—(we will gladly send the name of the nearest merchant who has them). They veritably bring to your rooms the colorful effects of nature, or the artistic designs of various periods. Do see them!

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Manufactured by
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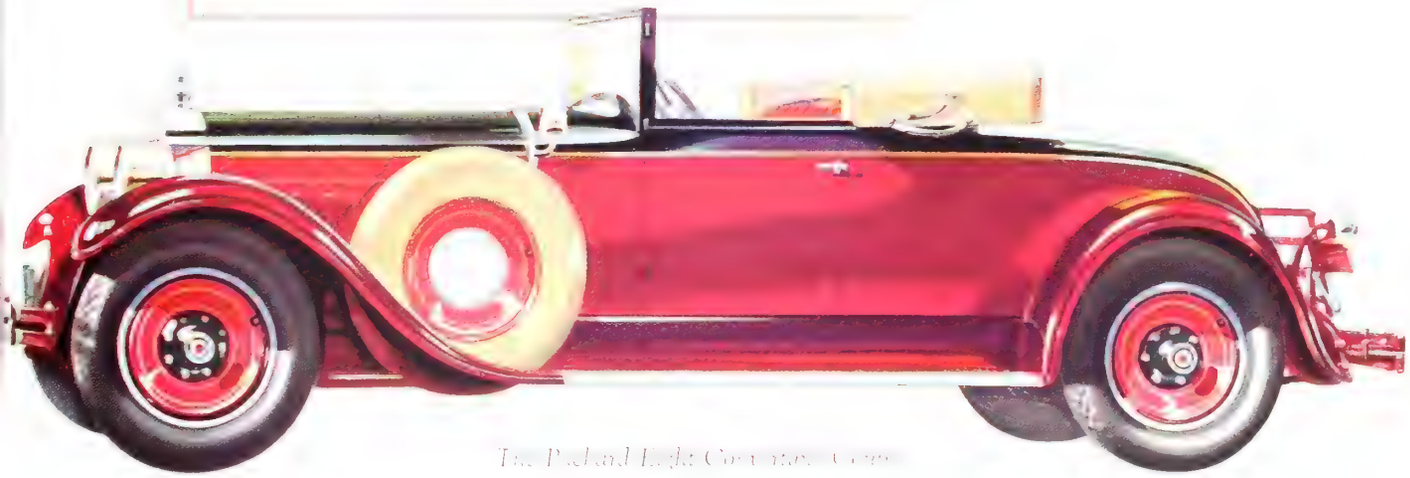


"The roads were to travel, Bob—no crowded roads, no punctures or [illegible]

I suppose we'll all be traveling that way some day, but in the meantime our cars on Kelly-Springfield tires all around is about the most comfortable carefree way I know of."







The Packard Eight Convertible Coupe

SINCE man first applied wheels to vehicles, friction has been an enemy to moving parts —hostile even to the finest of workmanship.

Packard long has realized that precision manufacture goes but part of the way in insuring to owners long and trouble-free car life. And so in Packard cars *precision is protected.*

Every morning from the driver's seat the Packard owner can oil each of the thirty-one chassis points requiring daily attention as quickly and easily as he sets the hand brake. One pull of the plunger on the dash and a charge of thick, clean oil—correctly measured to a single drop—is spread upon each bearing surface from within.

Packard has made chassis care so easy that it is never neglected. The Packard owner invests in fine engineering and watch-like accuracy—the "Instant" oiling system protects his investment. Thus Packard assures to owners delightful riding and driving comfort, reduced maintenance expense and lengthened car life.

Packard cars are priced from $2275 to $4550. Individual custom models from $5200 to $8950, at Detroit

PACKARD

ASK THE MAN WHO OWNS ONE



Choose the Timepiece an American is proudest to own

DEEP down in most of us is a respect for th Waltham name which is a tribute to years o distinguished craftsmanship.

You may call it pride . . . this desire to say "It's Waltham." You may term it appreciation. You ma never have analyzed this feeling.

But this you recognize—

The name Waltham makes the gift mor acceptable . . . gives to ownership an endurin satisfaction. Whether it be a Waltham Watch, slim graceful, handsomely encased . . . or a Walthar Clock, beautiful in line and color, the name is you assurance of jeweled precision . . . and of styl that meets the smart demands of modern time

WALTHAM WATCH COMPAN





WALTHAM

IAM COLONIAL WATCHES No better watch value exists than is y the Waltham Colonial Watch priced at $40 to $200.

t right is the Colonial "A" No. 175, Waltham's thinnest pocket watch. The nt is 19 jewels, adjusted to temperature and five positions. 14K green or ld case, severely plain or hand carved. Dial is sterling silver with applied l figures. $175.

opposite page is shown the Waltham Colonial No. 40, 17 jewel adjusted nt, silver or gilt finished dial. Case 14K gold filled, Butler or line finish. kable value in a thin model watch at $40. No. 60 is the same movement in d gold case, $60.

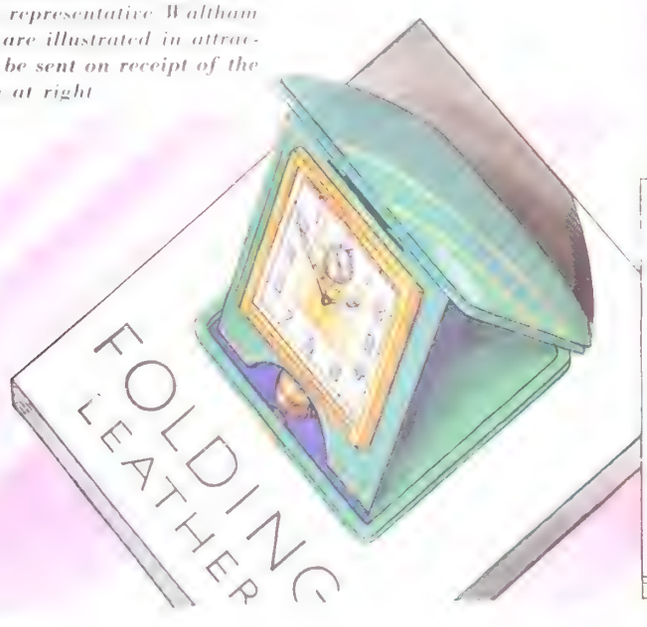
HR CLOCKS Charmingly colored to harmonize with the boudoir e. Gilt, bronze, natural wood or pastel shades with tinted, luminous dials. weled movement. No. 1601 is $25. Others to $100.

RY CLOCKS A smart thin model clock for table or mantel. 8-day jeweled nt. Mahogany, walnut or crackle finish in colors. No. 1238 is $30. A few r prices.

ING LEATHER CLOCKS A personal timepiece with 8-day jeweled nt. Self-contained in a thin folding case of leather in natural finishes or tly colored and tooled with gold. Dials are gilt or silver finish with luminds and figures. The smartest clock of the season for the home . . . for e desk . . . for traveling. A beautiful gift at $25 and $30.

ARD BANJO CLOCKS By many, these are considered Waltham's most al clocks. Designed from the famous Willard Banjo Clock — all details are ic. No. 1500, $75, illustrated on opposite page, is one of the five full-size , 42 inches high, with 8-day pendulum movement — $75 to $125. Three e models, 21 inches high, with 8-day jeweled movement, are priced at $40. re mahogany, walnut or crackle finish in color. All have exquisitely colored hand painted.

t type of Waltham Watch or Clock are st interested? Necessarily we can show ut a few of the representative Waltham . Other designs are illustrated in attrac- lders which will be sent on receipt of the coupon at right





WALTHAM WATCH COMPANY, WALTHAM, MASSACHUSETTS

Please send me illustrated folder describing

Waltham Colonial Watches — Waltham Library Clocks
Waltham Boudoir Clocks — Waltham Folding Leather Clocks
Waltham Willard Banjo Clocks

(In case you are unable to obtain locally any particular Waltham Watch or Clock, let us know and we will see that you are supplied.)

NAME _____

ADDRESS _____



Chaliapin as "Boris Godo

"MY PREFERENCE," SAYS CHALIAPIN

[illegible] the Baldwin Piano, it is [illegible] the great voice of Chaliapin, with its untold variety [illegible] quality, so has Chaliapin chosen the Baldwin as his inspiration in his accompaniments and in his home. ¶ A demonstration at any Baldwin dealer's will inspire you with the same admiration. ¶ Grands at $1450 and up, in mahogany.

THE BALDWIN PIANO COMPANY, CINCINNATI

Baldwin

PIANO



sert, dinner and individual salad forks—butter spreaders, dessert and dinner knives, berry, spoon, sugar spoon, cold meat fork, cream ladle, gravy ladle, butter knife, pie

French Antique ~in which Reed & Barton express rare beauty without a single embellishment~

To those whose love of fine silverware inclines toward beauty that springs from simplicity, we present French Antique, a pattern of marked distinction in Reed & Barton Sterling.

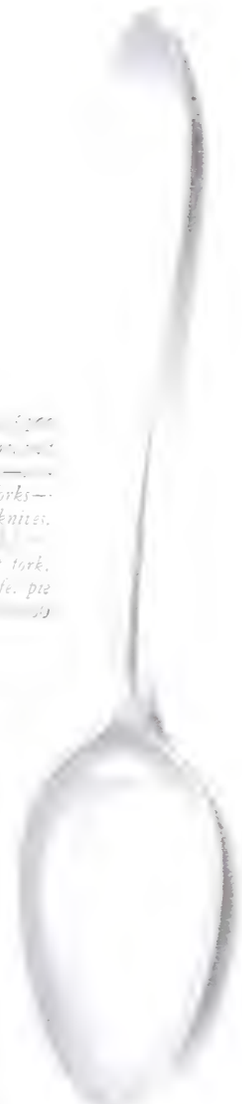
What other pattern offers such rare beauty of line? What other pattern could bring more stately, cultured grace to your table? French Antique is representative of the finest traditions of Reed & Barton silvercraft. Select it now—FOREVER—at your jeweler's.

TAUNTON, MASS. REED & BARTON NEW YORK, N. Y.

REED & BARTON

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Sterling Silver
(actual size)
$23.00 per dozen

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The Secret of
Beautiful Homes

BEFORE YOU PLAN YOUR DRAPERIES
FOR THE NEW SEASON

send for Orinoka's latest booklet

"COLOR, THE SECRET OF BEAUTIFUL HOMES"
IT IS FULL OF SUGGESTIONS THAT WILL HELP YOU
AND IS YOURS FOR ASKING

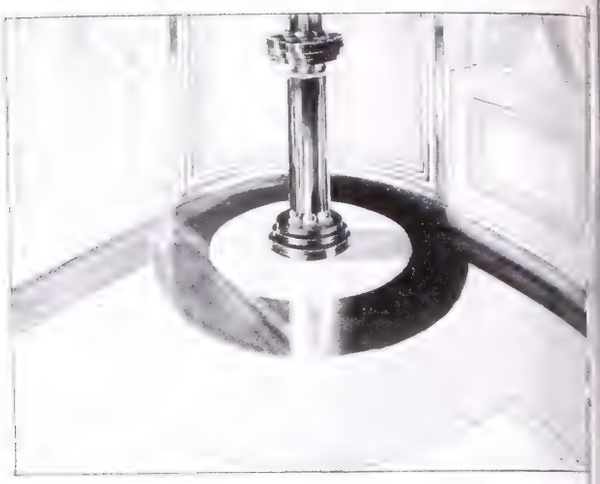
You will find the [illegible] suggestions in the new Orinoka booklet most helpful. Ethel Dave [illegible] its author is a well known authority on interior decoration. In the booklet are many modern yet simple arrangements for draping windows in almost every room. Beautifully illustrated, it shows rooms and new fabrics in color.

But be sure to use Orinoka Guaranteed Sun-and-Tubfast Drapery Fabrics to carry out the charming effects you plan, for it costs just as much to make up ordinary [illegible] Orinoka, which are [illegible]. Orinoka patterns are woven, not printed. Insist on seeing the tag on every bolt of Orinoka sunfast goods which reads: "[illegible]"

Mail the coupon below today for this fascinating 32-page booklet. You will find Orinoka Guaranteed Sun-and-Tubfast Fabrics at the better department stores and decorators' shops.

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[illegible]

PAINTED FLOORS FOR COTTA

[illegible]

[illegible] The brush never comes in contact with the [illegible] gloss, the spatter colors must be flat.

[illegible] method makes a soft fin[illegible] dull colors would s[illegible] living room or dining ro[illegible] gayer shades will be appro[illegible] the less formal rooms.

The return of the decor[illegible] is in line with the present [illegible] interior decoration. Our latel[illegible] living rooms have given pla[illegible] interiors emphasizing both [illegible] design. The painted floor i[illegible] of this change. So long as [illegible] decoration retains its present [illegible] characteristics, the decor[illegible] will remain in favor.

MODERN FURNITU

[illegible]

[illegible] the employment of [illegible] Out of these con[illegible] results obtained [illegible] of both the natural [illegible] of many different kinds of woods suitable for cabinet[illegible], and how contrasting both the [illegible] of woods and the different qualities of grain in an almost [illegible] diversity of combinations. Oak, walnut and mahogany, of course, he employs to a great extent, but be[illegible] [illegible] in conjunction with them, he makes free use of box, ebony, yew, beech and a variety of other woods that have rarely been taken advantage of to anything like the extent their properties merit—certainly not in the modern scheme of furniture.

[illegible] these various colored woods and the diversity of grains, it is possible to secure any degree of enrichment, much or little, without in the least disturbing the complete simplicity and straightforwardness of line aimed at. It is also worth noting [illegible] is designed with an almost total absence of moldings [illegible] projection of any sort. I[illegible] of surfaces attained by e[illegible] not by addition. In other w[illegible] stead of moldings and pr[illegible] there are rabbets and ed[illegible] corners rounded or bevelled.

It is also significant that t[illegible] scheme of this furniture abst[illegible] treating the wood surfaces [illegible] sort of stains, fillers or var[illegible] wax finish only is used. [illegible] beauty of the natural color a[illegible] of the various woods is the[illegible] to appear, untouched by any[illegible] ing agency.

Finally, the furniture u[illegible] cussion has the merit of ada[illegible] By the utter simplicity of it[illegible] is manifestly appropriate fo[illegible] use or for inclusion in the [illegible] cent and unpretentious furnis[illegible] gram. At the same time, [illegible] ceptible of a richness of colo[illegible] wealth of pattern in grain [illegible] well find an acceptable pla[illegible] more elaborate surroundi[illegible] without entailing any loss [illegible] individuality.



She is a girl of candy simplicity and strength — the bride who chooses the La Fayette pattern in Towle Sterling. Lover of all fine old things, she is charmed by the tradition of the gallant young Frenchman who gave this Early American pattern its name. Colonial manor, courtesy Luce & Locke.

Towle in their true Early American simplicity — their two-piece frost, the La Fayette tea service. Complete service of 5 pieces, Coffee and Tea Pot, Sugar, Cream, Waste Bowl, $440

If you are a LA FAYETTE GIRL . . . *then here is your bridal sterling!*

The La Fayette pattern [illegible] the [illegible] of the [illegible] the [illegible] of the French [illegible] of Early American Early.

Spontaneous little words of delight — *"I like it! It feels like me!"* Do they spring to your lips, when you see this La Fayette pattern in Towle Sterling?

For there *are* girls who feel just such a thrill of recognition.

Charmingly characterful young persons, they are instinctively drawn to the fine Early American integrity of the La Fayette. Its pure, unadorned beauty seems to be in sympathy with their own unaffected loveliness.

This personal and intimate attraction for those who seek individuality in solid silver is the peculiar quality of Towle patterns. In the whole range of modern sterling Towle conspicuously offers you *personality*—the priceless something which reflects your own particular taste and temperament.

Such personality — expressed with the mastery of silversmiths schooled in the craft-traditions of famous old William Moulton of 1690—means that this precious wedding silver of yours will give pleasure as long as it lasts. And that, since it is *solid* silver, means for generations.

TOWLE

Sterling Silver Exclusively

reading up: Lady Mary, Lady Constance, r. Louis XIV. *Right, reading down:* ina Carvel, Mary Chilton, D'Orleans-

FOR YOU — THE BOOK OF SOLID SILVER

A charming [illegible] in silver, ivory and silver with helpful, interesting [illegible] on Towle design table setting, choosing one's pattern, etc. You need [illegible] about one dollar to print, but it will be sent without charge to those interested enough to fill out the following coupon and send 25 cents for mailing and handling costs.

The Towle silversmiths, Newburyport, Mass.

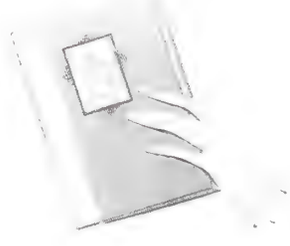
Please send me *The Towle Book of Solid Silver*. I enclose 25 cents.

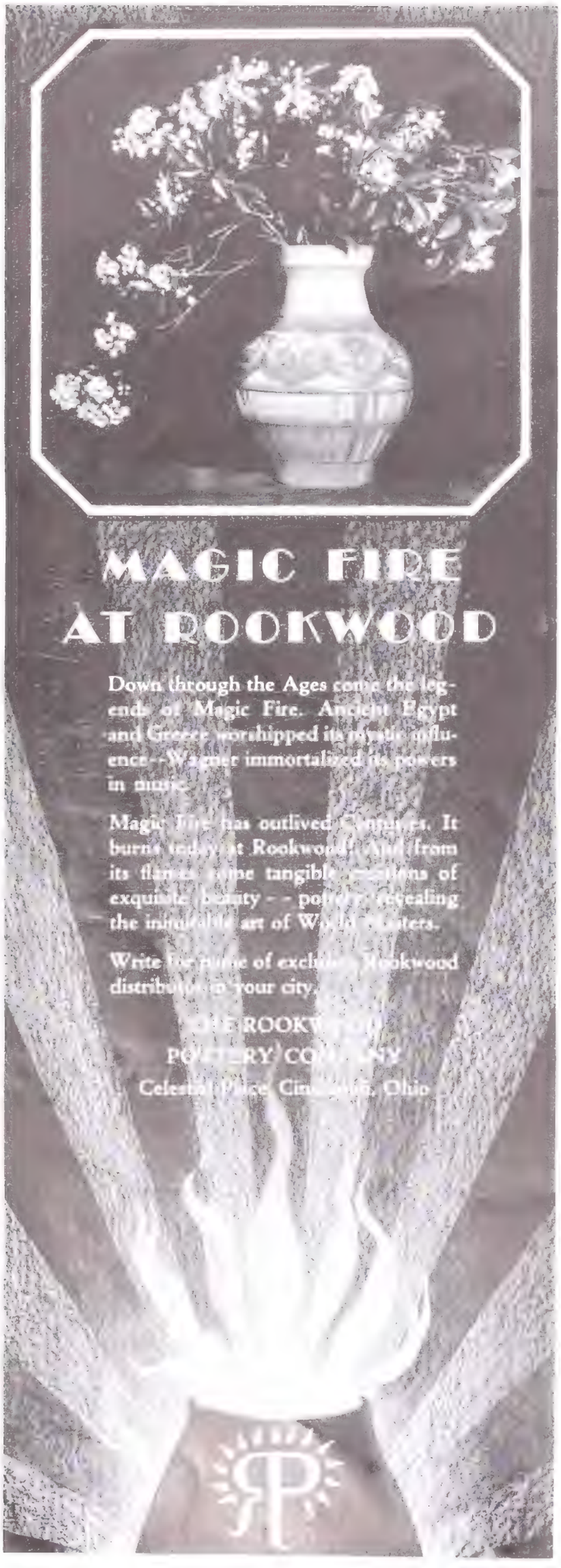
Name [illegible]

Address [illegible]

City [illegible]

My jeweler [illegible] G-5





HOUSE & GARDEN'S BOOKSHE

(Continued from page 150)

Content and Structure, Decorative Processes, and Types of Decoration. Each piece like the *cassone* is given separate consideration, which makes the book very handy for use.

To quote a little from the Foreword: "The volume is illustrated with the best and most characteristic examples from the several periods treated. The pieces shown have been carefully chosen so as to be thoroughly representative of the various types in general use at one time or another.

"Most of the books hitherto published upon either Italian or Spanish furniture [illegible] exclusively with the period of the Renaissance, making only occasional excursions into the work of the early fourteenth century. Save in a very few instances, the late seventeenth century, the whole of the eighteenth century, and the early years of the nineteenth have been wholly ignored. And yet the furniture made in Italy and Spain during all that time was of no less interest or excellence than the furniture produced in previous centuries, only the conspicuous characteristics to accord with the changed tastes and ideals of the age in other things.

"In this volume the prevailing omission just noted has been remedied. We have tried to keep a due balance between the various periods of style and to show the types in popular favour from the Baroque age to the [illegible] of Neo-Classic supremacy [illegible] the most characteristic [illegible] of each period."

About two-thirds of the book is devoted to Italy. Portugal [illegible] Spain. There are three hundred and sixteen illustrations in double tone, a colored frontispiece, and fifty-seven [illegible] Index will be found [illegible] table of contents.

G. C.

[illegible] By Lucy Embury Hubbell. Garden City, N. Y.: Doubleday, Page & Co.

"THE Perfect Little Maidless House," although the last chapter in the book, was the first to catch my eye upon opening it. For the brief [illegible] moment a pang of regret for the home which was without a little maid saddened my thought, but then came a realization that the adjective merely referred to the "House." [illegible] The kitchen of this house is the little [illegible] complete and attractive. It is stated that the [illegible] walked" over three miles per diem in "foot work."

Seventy-five architects and landscape architects have contributed Spanish, Norman-French, Colonial, and Dutch [illegible] "Part I. The Heritage of the Present-day Home" opens with a chapter on "Our Colonial Bequest," followed by "England's Contribution," and "The Mediterranean Influence." These three chapters deal with the origin of modern domestic architecture in our country. Of "Part II. Good Small Houses of To-[illegible]" Foreword the Editor says "the reader finds abund[illegible] toward the visualization and [illegible] ing out of his own special [illegible] and: "Of course, this book is n[ot] signed as a substitute but as a s[upple]ment to the services of an arch[itect]." "Part III. Things Every Home[owner] er Wants to Know," deals inter[estingly] with such subjects as "Investm[ents] Beauty that Pay in Cash," and [illegible] ting Your House to Its Site."

G. C.

[illegible] IN THE LITTLE GARD[EN] Ella Porter McKinney. Boston: [illegible] Brown and Company.

HEREIN the flower that [illegible] eminently the flower of [illegible] is written about for amateurs [illegible] "outstanding exponent of [illegible] gardening." In admirably pla[in] unassuming style is told how, [illegible] aid of a simple coldframe, it [illegible] sible not far from New York [illegible] have in flower out-of-doors [illegible] or another of the "Poor man's [illegible] each month of the year. [illegible] particular value to the la[dy] among the rather many in w[hich] others of this flower, now s[ome]-the fore, have paid tribute to i[t], have continued themselves la[rgely], not exclusively, to the more fl[imsy] forms, the bearded, and to th[e] large-flowered variety of t[he] But Mrs. McKinney, in ad[dition] sharing her secrets of success w[ith] various unusual sorts and t[he] requate coddling, gives their [due] of praise to the bulbous, th[e] [illegible]-dwarf [illegible] or [illegible] Oriental and the Japanese, t[he] magnificent of the entire gen[us], the tall bearded is said enough [illegible] one until he himself becomes [an] pert. And is it not usually th[e] who does go [illegible] with the w[ide] tall bearded varieties [illegible] to crowd out of his enjoy[ment] more ornamental Orientals [illegible] rians, including the Japanese t[ype] their immense discs of blo[om] like watered silk in the sunshi[ne]."

In the matter of care and [illegible] tion the author's experience [is] being rot and the borer by [illegible] over the old foliage in early [spring] most valuable. A copy of [the] Calendar ought to be upon [the] of everyone who grows the [iris] any of its forms.

F. M.

THE TOWN GARDENING H[andbook] By R. Sudell. London: Coun[try] Ltd.; New York: Charles [Scribner's] Sons.

THIS compact and in[teresting] volume, appearing as th[e] Handbook of the London [Gardeners'] Guild, is in general better a[dapted] American needs than are m[ost] written by Englishmen, b[ecause] treats of conditions that obtai[n] and confines itself to the sin[gle] most common subjects of [the] unpretentious gardens for fl[owers] vegetables. Owing to its [brevity] offers very little that is diffe[rent] what has appeared in many [other] books. It contains several

(Continued on page



nteenth Century Eng
ladies used with
crewel work. Fantas
bright tinted wools

ing Edward's reign
a Seventeenth Centu
e flashes the bedhan
design and color upon
ground of buff twill



Crewel Work of rare loveliness with the fantastic motifs of Jacobean days

nteenth Century Eng-
when embroidery was
the fine Arts, ladies of
e and accomplishment
plied their needles.

rked in crewels—bright
ools, on bold neutral
eavy twilled linens or
xed with flax.

cher has reproduced
ese rare embroideries.

To draperies, curtains, upholstery they lend the inimitable quality of handcraft. They are in accord with dark, carved furniture of Renaissance reproduction with early American decoration—or with Spanish decoration and the sophisticated French *art moderne*.

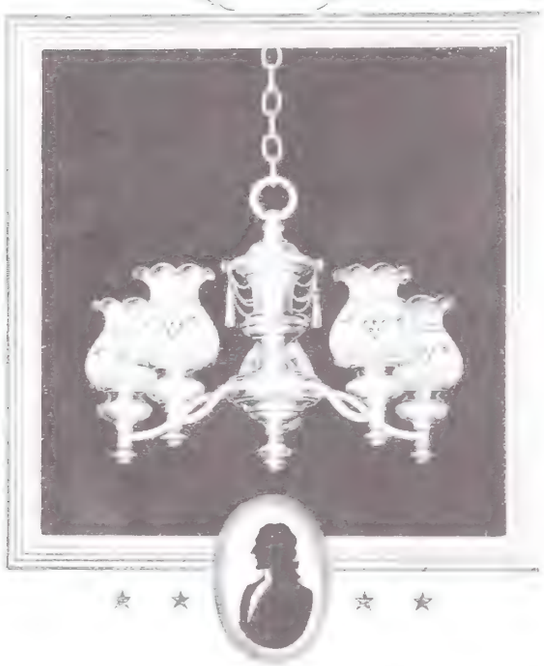
Schumacher offers a wide selection of effective embroideries, as well as other authentic reproductions from the past, and a superb grouping of decorative textiles, modern in design and weave.

These may be seen by arrangement with your decorator, upholsterer, or the decorating service of your department store. Samples selected to fit your requirements will be promptly obtained.

A new booklet, "Fabrics the Key to Successful Decoration," discusses the history of fabrics and their importance in decoration. It will be sent to you without charge. F. Schumacher & Co., Dept. E-5, 60 West 40th Street, New York. Importers, Manufacturers and Distributors to the trade only of Decorative Drapery and Upholstery Fabrics. Also Boston, Chicago, Philadelphia, Los Angeles, San Francisco, Grand Rapids, Detroit.

F. SCHUMACHER & CO.

Quaint Early American Fixtures



Upon graceful fixtures will establish a luxurious atmosphere most suggestive of quaint Early American days. Among decorators and architects who seek the character of custom made equipment in period styles, these Lightoliers have won pre-eminent favor.

At the Lightolier Studios and at leading fixture dealers everywhere, these and countless other fixtures equally as graceful and enduring are on review. Upon inquiring their prices one quickly discovers that many are available even where appropriations for lighting are decidedly limited.

Lightolier

[illegible] BROADWAY NEW YORK CITY



HOW MUCH HOU

geographical comparison of cubic foot

at 50 cents per cubic foot will pro-

luxurious type of construction at 60

room house can be built on a some-
what lower basis per cubic foot.

For purposes of comparison, let us assume that two families set out to

assumed to cover the house a

improvements. The first ste
to establish space budgets, i

Following this system th

consider what kind of a ho
this price range.

Considering first the ba
cents a cubic foot, it is qui
that the house should be
stucco, or brick veneer co
These are the less expens
comparatively speaking, alth
brick walls do not cost mu
this size. The roof of this



The plans of the Allen House are interesting for their ex
proportions and the plan provides three co
pletely appointed baths. The total volume is 37,275 c

(See column "D" on page 112)

O T H E R S





COLONIAL BEAUTY
Chaste and Unadorned

If you found this pattern in an antique shop, or in some old New England homestead, you would count it a discovery of first importance. In design, craftsmanship, finish, the *Mothers* pattern reflects each minute characteristic that marks the delightful hand-wrought silver of our forefathers.

Mothers is, in fact, an authentic copy of a very old, very fine hand-wrought pattern. In every aspect but age it is an antique —the treasured heirloom of tomorrow.

With so rich a Colonial background it is only natural that *Mothers* should blend gracefully with the modern Colonial home.

It is produced in Sterling silver by the Gorham Master Craftsmen in complete Dinner and Tea Sets. Especially recommended as gifts to lovers of Americana are: Teaspoons—$10 for 6; Steak Set—$15 for 3 pieces; Salad Set—$14 for 2 pieces. Your jeweler will show you these pieces as well as many other Gorham patterns.

MOTHER'S DAY IS MAY 13th

at could be more appropriate than a Gift of Mothers Flatware?





GORHAM

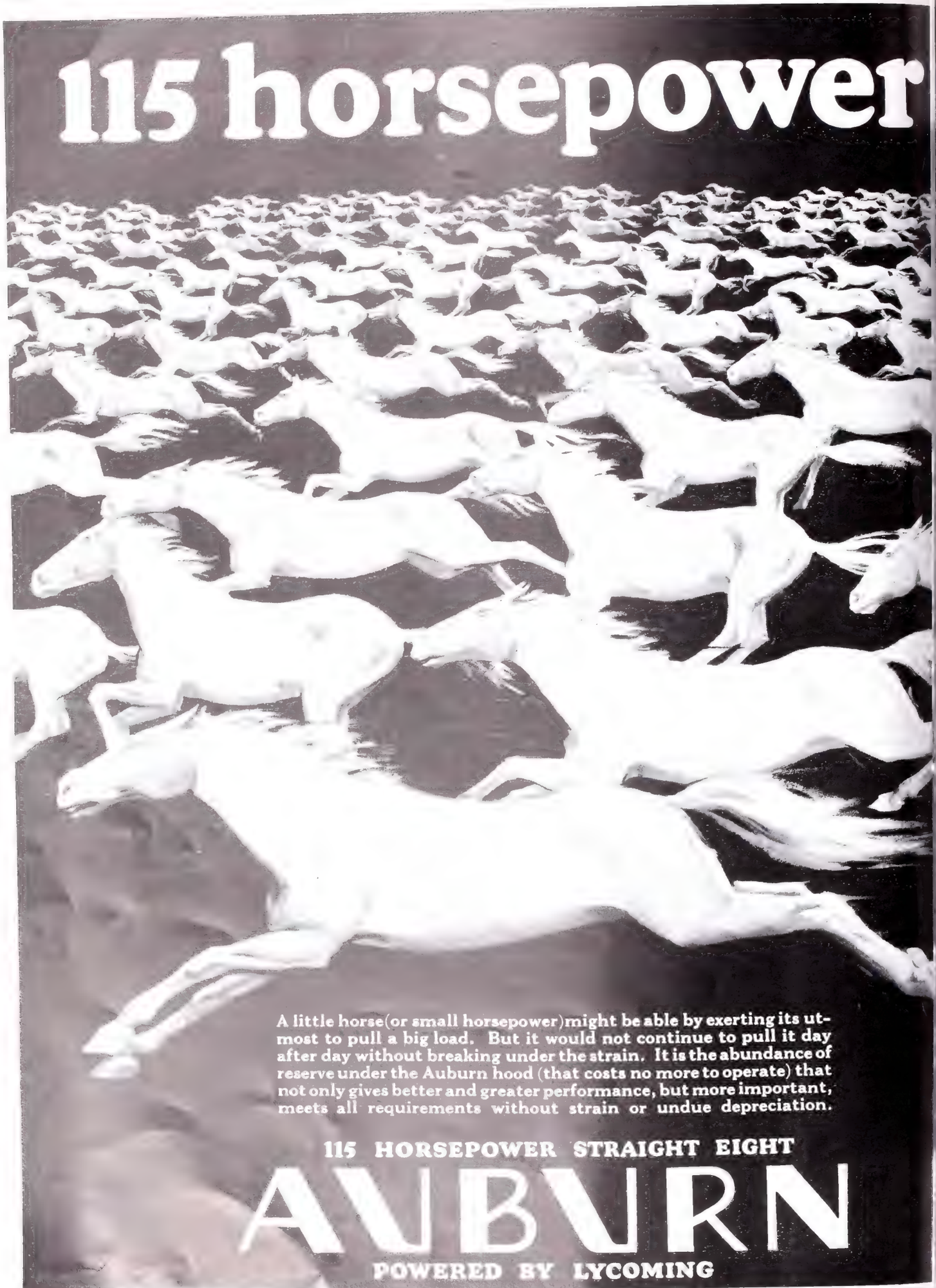
PROVIDENCE, R. I. NEW YORK, N. Y

MEMBER OF THE [illegible] SILVERSMITHS GUILD OF AMERICA

your taste—whatever your favorite period—you will find among Gorham's 27 patterns in Sterling a silver service to harmonize"

RICA'S LEADING SILVERSMITHS FOR OVER 90 YEARS

115 horsepower



A little horse (or small horsepower) might be able by exerting its utmost to pull a big load. But it would not continue to pull it day after day without breaking under the strain. It is the abundance of reserve under the Auburn hood (that costs no more to operate) that not only gives better and greater performance, but more important, meets all requirements without strain or undue depreciation.

115 HORSEPOWER STRAIGHT EIGHT

AUBURN

POWERED BY LYCOMING

6-66 Roadster $ [illegible] 76 Sedan $1195; 76 Sport Sedan $1295; 76 Cabriolet $1395; 76 Roadster $1195; 8-77 Roa[illegible]
8-77 Sport Sedan [illegible] 88 Sport Sedan $1595; 88 Cabriolet $1695; 88 Roadster $1495; 88 Speedster $1695. 88 Phaeton $[illegible]
115 Sedan $2195; [illegible] $2195; 115 Roadster $1995; 115 Speedster $2195; 115 Phaeton Sedan $2395. *Freight, Tax and Equ[illegible]*

AUBURN AUTOMOBILE COMPANY, AUBURN, INDIANA

Loveliness in REPLICA





THE quiet splendor of silver is never ending. It reflects forever the radiance about it. In jewel-colored miniature, in the shining coffee service of International Silverplate, is the whole gay scene! Repeated here are the rosy orange tones of firelight; soft yellow of flowers; vivid blue and green of rich fabrics. Little wonder that again and again the eye turns gladly to these replicas-in-silver of the loveliness of the room.

In design, in decoration, the shapes and patterns of International Silverplate deserve this notice. A cigarette box, a vase, a bonbon dish are lustrous examples of the silversmith's art. . . . The gracious use of a tea service or an after-dinner coffee service gives character to entertaining lends elegance to living.

International Silverplate, though suitable by reason of its dignity to the most formal occasions, yet has a friendliness that makes it beloved for every day. As it is practical and reasonably priced, it appeals to people of moderate means. Admirable for gifts! And the name of the maker assures you of a quality that endures; of craftsmanship unquestionably fine. International Silverplate in a wide variety of patterns and pieces is on sale in silver shops everywhere. . . . A little book, "Silverplate for American Homes," will give you many ideas for setting the stage of the home. This is free. Send for booklet HW 136 Dept. E, International Silver Company, Meriden, Connecticut.

(Old English Coffee Service illustrated)

INTERNATIONAL SILVERPLATE

TRADE INTERNATIONAL S.CO. MARK



KAPOCK

Silky Sunfast Fabrics

T

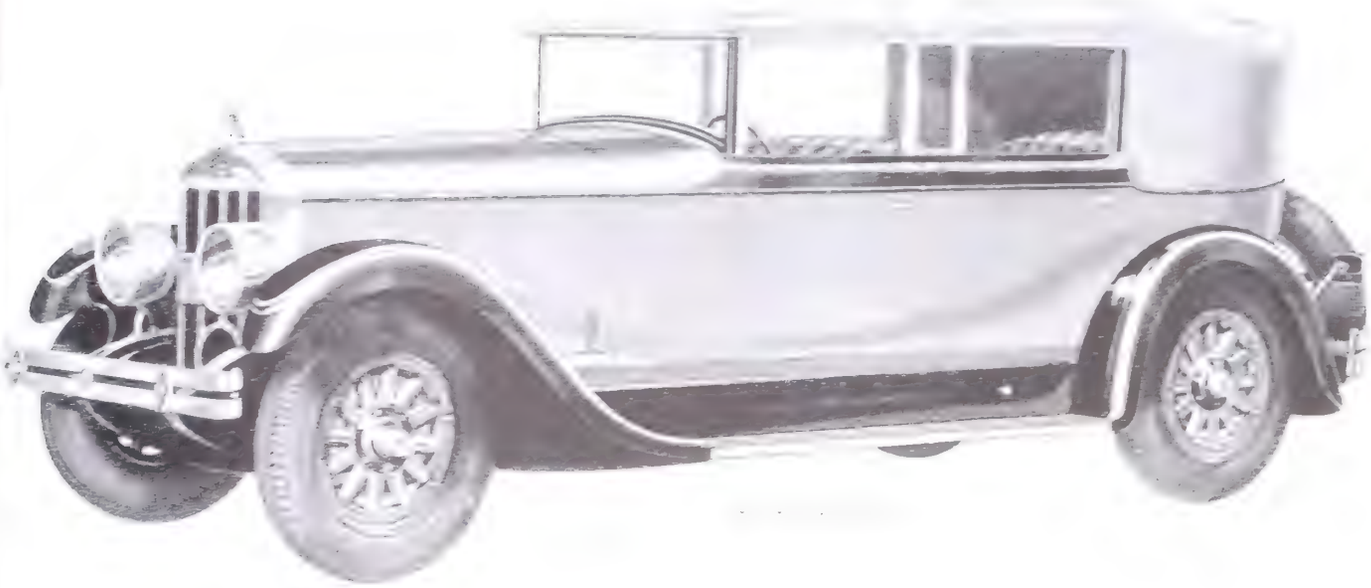
A. THEO. ABBOTT & CO.





AIRMAN RIDING

is the easiest in the world



A





man Series FRANKLIN



FORLI might well have been the table ware from which the gods ate their ambrosia, and EMPOLI the glass from which they sipped their nectars. Indeed, they must this very minute, in far off Italy, be fostering its sunny yellow or its soft green glaze and flower decorations. It is difficult to imagine a more attractive table service from the standpoint of distinctive pattern and entrancing color. In this day of expressive craftsmanship, FORLI dinner ware and EMPOLI stemware in old green demijohn glass make a striking array. Ninety-eight pieces of dinner ware to serve twelve persons, selected from open stock,



MURANO *(Venetian) table glass*

A card from your decorator will give you entree to [illegible] *to 348 Congress Street, Boston, for dealers' names.*

IMPORTED BY
Carbone INC
BOSTON — NEW YORK

HOUSE & GARDEN'S BOOKSHEL

(Continued from page 156)

[illegible] a table, one of which, "Perennials, One Hundred of the Best for Town Gardening," the useful facts [illegible] expressed in a form that [illegible]. There follow a unique list of "Plants Generally Disliked by Sparrows" and several lists [illegible] made difficult by neighboring trees and buildings. A little attention, not so much as might be, [illegible] to shrubs and trees for [illegible] that are congested and affected by gases and smoke. Particulars relating to pruning and other cares are arranged in tables.

[illegible]

[illegible]. By William Backhouse. [illegible]. New York: Henry Holt and Company.

ANOTHER [illegible] book [illegible] Bernard Rackham, keeper of the [illegible] Victoria and Albert Museum, in the Foreword notes the differences between pottery and glass, both requiring [illegible] and [illegible] and then notes the various motives [illegible] is a subject that strikes home to every [illegible]. We glance up from the page and catch the brilliant [illegible] display of our own exquisite thin [illegible], we recognize what every collector knows, that the glass itself, its texture, form, and color constitute its charm; all else [illegible].

[illegible] Dr. Daniel Eugen [illegible], [illegible] Dr. Daniel Hudig, [illegible] director of the Nederlandsch Museum, Amsterdam, traces the technique [illegible] from Roman times, through the Christian period, the 4th and 5th Century [illegible] glass, and the inscriptions of the Middle Ages, to the new florescence in the Renaissance, 15th and early 16th Centuries. Venetian glass was mostly colored, but the taste for clear glass developed in the 16th Century and became international. The naturalistic engraving of the 17th Century was on clear though usually on violet glass. As glass making spread north and west from Venice it reached France, Germany, Spain, Holland, and England. He writes in some detail of Dutch diamond engraving, until in the 18th Century with the [illegible] of the heavier but more brilliant lead-glass, wheel engraving threatened to supplant the diamond.

"In looking back through the three thousand years during which we have knowledge of the art of glass making, the periods and movements that stand out above all others as the most important are those of (1) primit[illegible] glass in Egypt from 1500 B. C.; ([illegible] the first centuries of the Roman E[illegible] pire; (3) the Saracenic enamel[illegible] glass of the 13th and 14th centuri[illegible] (4) Venetian glass of the Renaissa[illegible] (5) German and Netherlandish [illegible] of the 17th and 18th centuries; [illegible] British glass after the making of [illegible] 'glass of lead,' at the end of [illegible] 17th century."

Mr. Buckley classes glass mak[illegible] by countries, with an illumina[illegible] paragraph or two, introducing [illegible] descriptions of the various iten[illegible] his collection. The illustrations [illegible] superb, the photographer catchin[illegible] very glint of clear glass—that l[illegible] quality like raindrops, which s[illegible] effectively against a black gr[illegible]

G[illegible]

[illegible]. By Ma[illegible] Jenkins. Boston: Little, Brown [illegible] Company.

THE author is a modern H[illegible] who enjoys the good thin[illegible] the country without the cares of [illegible] mer. It is correctly said of hi[illegible] he writes in a style clear and [illegible] with a humor that is infectious. [illegible] is decidedly true of the present [illegible] which bows [illegible] more than [illegible] could be affected by the old Ha[illegible] poet who, in the back of his [illegible] after all, had the consciousness of [illegible] ing under an emperor: our Rust[illegible] he styles himself in a former [illegible] tinkers, for amusement, upon h[illegible] country place as a sort of Jack-[illegible] trades, with only a little waggis[illegible] of the bailiff. And it is plain [illegible] which he expresses satisfaction [illegible] in the doing of simple things [illegible] contentment in the commonest [illegible] and pleasures in contrast with t[illegible] creating luxury and refinement [illegible] dled urban life. It is the sim[illegible] the life natural for children, [illegible] joy the picking and the eating [illegible] ples that the reader can almo[illegible] and the burning of leaves the [illegible] pungent fragrance of which [illegible] most be smelled as the book is [illegible]

[illegible]

[illegible]. By L. [illegible] Rockw[illegible] York. The Macmillan Com[illegible]

THIS book is well worth [illegible] price to the owner of ev[illegible] home lot in the planting of hi[illegible] competent landscape archite[illegible] employed. It would at le[illegible] against overdoing and agai[illegible] overloaded by a tradesman or [illegible] man. But it is wonderfull[illegible] and efficient, for its size, [illegible] how to make a house into [illegible] tying it to its place mos[illegible] that is by means of shrubs. [illegible] of little drawings give fine [illegible] its teachings. More might [illegible] been put in about spacing [illegible] relating shrubbery planting [illegible] dens. The compact lists of [illegible] various purposes should [illegible] for all who might need [illegible] this, if they should su[illegible] with the catalogs of relia[illegible] firms.

Table Delicacies for House & Garden Readers

FOR YOUNGSTERS



FOR luncheon or with meals Pabst-ett is the ideal dairy product for children. It contains all the elements of milk—milk sugar, milk proteins, milk minerals, vitamins and *calcium* lost in cheese making. It is mildly stimulating to digestion—a valuable laxative. Spread Pabst-ett on cooked foods—include it in salads. Children enjoy delicious, healthful food.

PABST CORPORATION

Pabst-ett

More than Cheese



Exquisite Olives from Sunny Spain



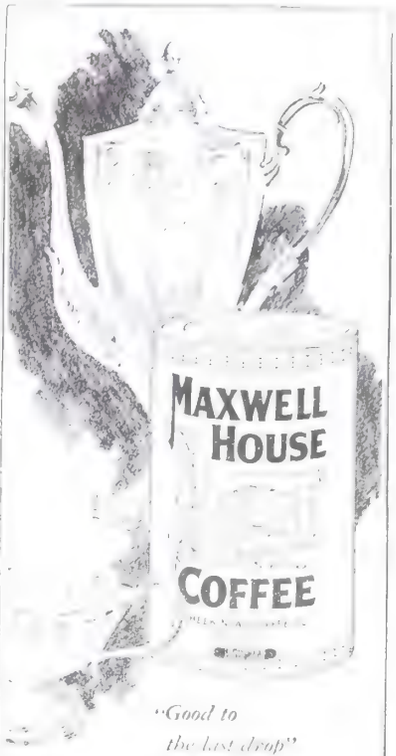
YOU probably have pictured, in your imagination, the ideal olive as large, meaty, juicy—oh so tasty! So have we. And what's more, we have found an olive with all these perfections . . . actually on sale.

These mammoth green olives are packed in a full quart jar—each olive a prize winner for size though a twin to its neighbor. Their gorgeous color is heightened by crystal-clear brine; their military arrangement in gastronomic ranks is an additional artistic triumph.

These big fellows, with celery and radishes, appear on certain dinner tables as aristocratic appetizers. They also grace many impromptu picnics. But their greatest enthusiasts eat them without waiting for custom or occasion to dictate.



House & Garden will send you a quart jar of these "ideal" olives (express collect) on receipt of $1.60. 2 such jars will be shipped on receipt of $3.00.



"Good to the last drop"

A special shade of richness . . . many coffees blended



HERE'S HOW!



Special introductory offer: send your dealer's name and $2.50 for 1 quart each of English Dry and French or Italian Vermouth, to be delivered through your dealer.

Mouquin, Inc.
4 to 8 West Lorraine Street
New York

Mouquin
Vermouth English Dry



honey delicieux

It is quite natural that French honey would be choice. The same flowers which yield the exotic fragrance of French perfumes also yield their sweetness for a de luxe honey.

French honey is delicate in flavor and texture, with a consistency of whipped cream and a richness that melts in your mouth and is easily assimilated.

This delicacy is packed adjacent to the gorgeous gardens of the Riviera in very attractive pound jars, priced at one dollar. Let House & Garden ship you one.



Serving POLAND WATER is consistent with the cultured hostess' policy of serving only the world's choicest and best





ALMOST everybody hesitates between those heavenly cashews and the salted, sleek, cream-colored almonds. Shelled filberts, pecans, walnuts and Brazilian nuts are also among those present . . . and if you must shell a pistachio, they're there for you.

You ought to try this assortment; a little more than a pound of assorted shelled nuts. Mail $2.00 to House & Garden and one of these round cans containing seven kinds of choice nuts will be sent you (express collect)

SOME ARE SALTED AND SOME AREN'T

This good looking sampler is awfully nice to have for guests to nibble on between cocktails, before dinner is announced . . . it's just perfect within reach at bridge; and at buffet suppers or afternoon teas, it's not only ornamental, but tremendously popular.

And here's another use for this charming sampler. If a very dear friend of yours is taking a sea voyage or a train trip, do more than wish him or her well, tuck this symphony of tropical nuts and sweetmeats in the luggage.

65c by Mail

if you send your local dealer's name

If you do not obtain Tiger Gruyere Cheese locally, we will mail six individual portions, enough for the full meal and four [illegible] 65 cents and your dealer's name and address.

These delicacies are created in the centuries-old Emmental Valley of Switzerland from which comes the celebrated Tiger Gruyère Cheese. Sun drenched pastures on salubrious mountain slopes and hardy Swiss cattle contribute to the fancy flavor and appetizing value of this cheese—the first gruyère in Europe's epicurean menus. No rind. Supplied by delicatessen, dairy and grocery shops. Or send, as directed above, to

Roethlisberger & Co., Inc.
178-180 Franklin Street, N. Y.



Look for the Tiger

TRADE MARK REG. U.S. PAT. OFF.

TIGER
BRAND
Emmental-Gruyère Cheese



decorators sponsor—and

Crex present the

"modernistic" in rugs

summer—and the decorating urge are here again! and with them the new Crex rugs—daring in design—bold in color—*modernistic* in feeling!

they belong to summer—the season of gayety and freedom from restraint—and they fit the country house picture like pen and ink.

spread one of the new Crex *ultra* or *al fresco* designs on your terrace and just watch your awnings, your cushions—and your wicker respond!

you will be more than ever convinced that Crex is the ideal summer rug when you see the new modernistic Crex patterns. If they haven't yet arrived in your store let us tell you where to view them.

Crex Carpet Company, 295 Fifth Avenue, New York City.

1 2 3

Summer rugs by Crex

WHEN IS A FARM NOT A FARM

Continued from page 66

[illegible] I was assisted by [illegible] that were three [illegible] never be any [illegible]

Overcome by a true metropolitan fear of germs, the first thing I [illegible] to the water analyzed by the State Bureau of Health. A [illegible] well. One was passed with reservations, and the third was entirely condemned. This [illegible]

I [illegible] practically [illegible] every [illegible]. All were alike [illegible] to me. At last, when, [illegible] I [illegible] myself, we [illegible] on the [illegible]." We [illegible] there in [illegible] day, but I decided that before residing [illegible] I must [illegible] supply, [illegible] and were mod- [illegible]

[illegible] to me was the Lake. It was at quite a distance, but I knew that if I were [illegible] I could install a system which would estab- [illegible]

[illegible] surrounded my house into a ver[illegible] expanse of flowers. Nasturtiums, Pansies, Cannas, Begonias, Sweet Peas and Roses, clambering vines and bus[illegible] I would encourage hummingbirds to become a connoisseur in Dahlias and Phlox. Annuals would be grown profusely. Nursery catalogs became my daily reading. Every colored [illegible] so I converted all the ground [illegible]

[illegible] dollars, [illegible] of the [illegible] crawl- [illegible] the grounds. [illegible] day in May [illegible] I decided [illegible] I [illegible] the use [illegible] packed. [illegible] space of [illegible] but finally I [illegible] [illegible] With the [illegible] [illegible] and [illegible] [illegible] [illegible]



Full Security

ainst winds by day
d prowlers by night

nt controlled by a Win-Dor Series 25 Operator *ically locked* in position! Perfectly secure! Thus provide for ample ventilation, yet be sure that ill alter the casement-opening in your absence. *ough* inside screens so that you can control the easily without opening the screen, letting in flies, your hangings. Handsome in design; beautifully o match other hardware or the woodwork; very ve to install on either new or old casements; fits or steel sash. Endorsed and used by leading archi- l particulars and names of nearby dealers on Without any obligation, write for literature.



Win-Dor

CASEMENT HARDWARE

The Casement Hardware Co.

402-C North Wood Street, Chicago

MENT HARDWARE HEADQUARTERS

Brass HARDWARE in *the* American *Tradition*

For Colonial doorways like those in the Metropolitan Museum there is correct hardware by Sargent

Masterpieces of Colonial art are to be seen in the seventeen rooms in the Metropolitan Museum of Art, New York. Even the architectural decorations were painted by a befriended Hessian prisoner. The hardware on its well-preserved door is of brass.

The Metropolitan's exhibitions of Colonial interiors are treasure mines for those who build in the American tradition. Sargent also has come to your aid . . . with standard sets of correct hardware in solid brass or bronze for the complete house . . . with rim locks, entrance handles and knockers similar to Early American originals. This hardware by Sargent is exactly made. It operates quietly and smoothly. It will outlast generations of users.

A helpful booklet is "Hardware for Doors and Ornamentation." A post-card will bring it to you free. Select Sargent Hardware with your architect. Sargent & Company, 31 Water Street, New Haven, Connecticut.



The rich brown-red tones of the Marmion [illegible] harmonize well with the gleaming hardware on its door. On the inside is a heavy, brass rim lock. On the outside, a small knob and bright keyplate. Designs similar to these are manufactured by Sargent in present-day New England.





The [illegible] knob and keyplate is similar to that on the Marmion door. Knob No. 1052 and keyplate 711. Sargent makes a brass rim lock, too, No. B3525B in the list of designs. The door knob of cut glass and the quaint tear-drop keyplate are unostentatiously decorative, and give a trim appearance to interior Colonial doors. Knob No. [illegible]. Keyplate No. 317.

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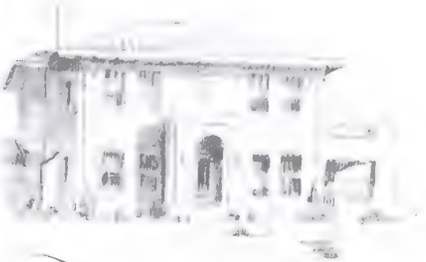
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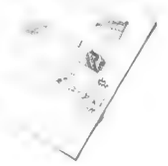
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Cattleya Trianae, from Colombia, is oddly colored. Its genus, commonly known as Ladyslipper, is widely distributed. America has several native representatives

THE VERSATILE ORCHID CLA

(Continued from page 164)

color of vanda is slowly developed.

King of the Orchid world is Cattleya, a genus of probably less than fifty species, mostly natives of Central America, each to Brazil. All have large and intensely colored flowers, the lip of which possesses much variation, being often fringed and intensely colored. The familiar *C. labiata* is one of the finest of all species and very amenable under cultivation. It is a native of Brazil that [illegible] October and November. It and its numerous forms are among the most common Orchids grown and need neither description nor praise. [illegible] with rich crimson fringed lip is also Brazilian; the variety *Gaskelliana*, which flowers in the autumn and is sweet-scented, and the variety *Percivaliana*, which flowers in January and February, are natives of Venezuela. The favorite *C. Mossiae* with foot-long, furrowed pseudo-bulbs, comes from La Guayra and is in flower there from March to August.

The fragrant winter-blooming, pink-flowered *C. Trianae* hails from Colombia and is represented by many [illegible] and forms. One of the best is var. *Mendelii* with richly c magenta lip. From Colombia came *C. gigas* with large flowe sepals and petals of which are the lip large and broad, rich p or violet with a large yellow ey blotch on either side of the t Another grand species is *C. skeziczii* whose large flowers white flushed with purple sepal rich crimson lip are produced d the winter months.

The Costa Rican *C. Dowiana* i ognized as one of the very fin all Cattleyas. It has foot-lo rowed, club-shaped, on -leafe bulbs and bears a spike of fiv flowers. The sepals and petal bright buff-color suffused with son and the lip dark velvety cr streaked with golden yellow. Th riety *aurea* has primrose-yellow and petals and also is a natu Colombia.

Orchid enthusiasts will recall c of others, but this sketch of Ca must end with mention of the re able *C. citrina* from southern M This has bright yellow, fragrant ers produced from between a pa

(Continued on page 172)



Large and of true cerulean blue are the fragrant flowers of Vanda coerulea, a captivating gem of the Orchid world



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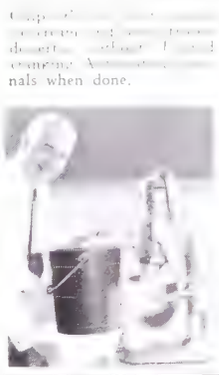
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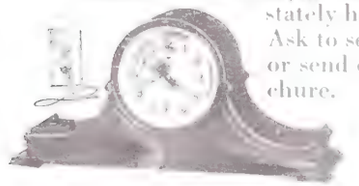
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THE VERSATILE ORCHID CL

(Continued from page 170)

... which top the small, egg- ... pseudo-bulb. The leaves and ... both hang down, contrary to ... of plant growth.

The mention of Cattleya immediately conjures up Laelia, a smaller group, native of the hotter parts of Mexico, Guatemala and Brazil. The first Laelia that demands notice is the Brazilian *L. purpurata*, whose magnificent flowers are among the finest of all American Orchids. The sepals are recurved and spreading and with the broad petals are pure white; the ... with white passing to rose-color at the base and yellow within the throat. Very different in habit is the Mexican *L. anceps* with clusters of from three ... slender but rigid stem. The flower is about six inches across with purple to rosy lilac sepals and petals and a crimson lip marked with yellow toward the base. As is the case with other species there are lovely albino forms of this charming Orchid.

FROM MEXICO

... Orchid, *L. superbiens*, a vigorous species with a flower-scape from three to nine feet long produced in winter and bearing some- ... twenty flowers. The sepals and petals are deep rose-color, paler toward the base, the lip crimson in front and yellowish on the sides. This is a Mexican plant and so, too, is the dwarf *L. majalis* whose ... across with rosy lilac sepals and petals and a three-lobed lip, purplish marked with white. It flowers from the young growths during the summer months. The whole plant itself is only a few inches high and the relative size of its flowers is in consequence most surprising.

There are other fine species of Laelia and the crossing of this genus with that of Cattleya has produced the bigeneric Laelio-Cattleyas in all their astonishing variety and beauty.

On the Organ Mountains in Brazil grow some half-dozen species of Sophronites, a genus of diminutive plants with large flowers that has been of immense service to the Orchid breeders. Crossed with Cattleya and Laelia it has given rise to some glorious hybrids. The finest species is *S. grandiflora* with one-leafed pseudo-bulbs and flowers three inches across. The sepals and petals vary from cinnabar to dark scarlet, and the lip, which has pointed and incurved side, is yellow streaked with bright red. Another genus which has been crossed with the above three genera much to the advantage of the Orchid lover is Brassavola. One of the handsomest ... *B. Digbyana* from Honduras. This has Cattleya-like flowers with the edge of the lip broken up into long hair-like fringes, which character has been transmitted to its hybrid progeny. The sepals are greenish-white tinted with purple and the lip cream-color stained with purple at the tip.

... Brazil ... *Oncidium crispum* with large and remarkably handsome flowers borne some fifty or so together in a panicle. The blos... from two to three inches across, ... ish-brown to reddish-brown ... yellow stripes, and the pa... beautifully crisped. This Orchid ... to have no set flowering period ... in bloom at different times th... the year. There are scores of ... species but *O. papilio*, the Bu... Orchid, must not be forgotten ... briefest of lists. This species ... singularly attractive flowers is ... of Trinidad and Venezuela a... dark, flattened pseudo-bulbs ... capped by a single purple-... leathery leaf. The flower-scapes ... rise from the base of the pl... slender, erect, about two feet ta... continue to bear through a long ... flower after flower, though ... is more than one open at ... time. The back sepal and the ... petals are each about three inches ... linear and erect, dark green wi... purple when, the lateral ... oblong, tapering, wavy and a... downward, bright yellow with ... verse bands of orange-red. The ... roundish, about one-and-a-half ... across, yellow mottled all over ... brown and waved along the edg... contrast nicely with the ... pearance of the flower.

A favorite genus with ... blotched flowers is Odontoglossu... which about one hundred spec... known from the high mount... Mexico south to those of Peru. ... require cool conditions and a ... easy to grow at sea-level und... hot summer sun. The hybrid... been very successful with this ... and the outcome of his work ... in hundreds of named sorts m... which have flowers of extraor... coloring. Queen of the genus ... of the most useful of all Orc... the Colombian *O. crispum*, ... there are many forms. The ... are fragrant and are borne i... ing, sometimes panicled racem... vary from white to yellow and ... some of the forms are won... spotted and marked with ch... brown, purple and yellow. It b... at various seasons of the year b... freely from February to April.

OF VARIED COLORS

Native of the same regi... sister species *O. Pescatorei*, ... great favorite; likewise *O. ... ium* whose flowers are very ... in appearance since the petal... sharply downward. The sep... petals are chestnut-brown, ban... edged with yellow; the lip ... and yellow heavily feath... bluish purple. A very showy ... the Guatemalan *O. grande* w... gaily colored flowers, yellow ... with chestnut-brown, each fl... to seven inches across, with ... lip, white with a few concent... of chestnut-red.

Miltonias with relatively h... Pansy-like flowers with ... are greatly appreciated when ... chids are grown. The genus ... one of about a dozen spec... from Costa Rica south t... One of the very finest is ...

(Continued on page ...



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THE VERSATILE ORCHID CL

(Continued from page 172)

[illegible] with pink flowers [illegible] bulb-clusters or [illegible] are [illegible] raceme, there are [illegible] forms, some with white, others [illegible] blossoms. The Brazilian *M. spectabilis* has white [illegible] with a [illegible] lip, deep [illegible] at the base and a rosy crimson in the center.

Panama is the home of *Peristeria elata*, the Dove Orchid, from the resemblance of the column of the flower to a dove hovering with outstretched wings, somewhat like the conventional dove seen in artistic representations of the Holy Ghost. The flower stems are erect, from three to five feet tall and bear racemosely from [illegible] many white, waxy, [illegible] flowers.

One of the most popular classes is Cypripedium, the Ladyslipper Orchids, characterized by their pouch-like lip. Prominent is the familiar *C. [illegible]*, native of the eastern Himalayas, one of the most easily grown of Orchids and one that revels under cool conditions. The flowers are erect, of varying shades of polished yellow, brown, white and [illegible] bronzed. There are very many named forms of this, differing in the color of the flowers [illegible].

[illegible]

[illegible] Bhotan and adjacent Sikkim are the home of the [illegible] with its decurved, ciliated, lateral petals. It was [illegible] and flowered the same year but was subsequently lost. For nearly fifty years its habitat remained unknown and a large re[illegible] but all efforts failed until 1904. It became famous as the Lost Orchid but its re-introduction was bungled and very little monetary reward fell to those who succeeded in again win[illegible].

These and others with scapose flowers have green leaves, but there is another and more tropical section which has leaves beautifully marbled [illegible]. Among them may be mentioned the handsome *C. callosum* of which there are many winsomely colored forms, also *C. [illegible]* and *C. lowii* of Borneo. The latter has a [illegible] and a broad standard of white striped with red-brown. The limestone-loving Burmese [illegible] and a yellow flowered confrere, *C. concolor*, have marbled leaves and are found as far north as China.

Another group with [illegible] flowers in racemes and long green leaves is represented by a number of species of which *C. Rothschildianum*, *C. [illegible]*, *C. Sherbeae* and *C. argus* are fine representatives. These have long, usually arching and bearded, lateral petals often marked with eye-like dots, and the flowers are more or [illegible] silk colored.

The tropical American Cypripediums have remarkable flowers but none more so than the noble *C. caudatum* of Peru. This has tufted leaves [illegible] from the center of the plant, after the leaf growth is finish[illegible] flower stems each from one and-a-half feet tall. The later[illegible] are narrow tail-like, from[illegible] two-and-a-half feet long and and give the flower an extra[illegible] appearance. The color is [illegible] marked with brown. Similar [illegible] smaller flowers is *C. grande*.

I shall long remember the [illegible] I felt on first beholding in [illegible] state the well-known *Cochlo[illegible] tata*. It was in the forests of [illegible] above the Teesta River where [illegible] leeches swarmed on all sid[illegible] plants grew on moss-clad r[illegible] at an elevation where snow [illegible] ing the winter months.

The first wild epiphytic [illegible] I saw in any quantity were *[illegible] chrysanthum* and *D. cla[illegible]* in the forests of Yunnan. [illegible] num is a large and popul[illegible] in gardens and its members a[illegible] [illegible] great plenty from north[illegible] throughout the Malay Ar[illegible] and north to Japan, on [illegible] land it abounds in Ind[illegible] Assam and south China [illegible] northern species is the pleas[illegible] *D. moniliforme* which is [illegible] th mighty Cryptomerias [illegible] in my mind to the shrines [illegible] One of the most popular [illegible] *D. nobile* which is common [illegible] spread in western China sout[illegible] mah and for centuries ha[illegible] favorite medicine among th[illegible]

From Burmah came th[illegible] *D. Aggregatum* with its l[illegible] cymes of flowers with [illegible] lip and whit[illegible] spals and [illegible] *formosum* with its broad, p[illegible] flowers, the lip blotched wi[illegible] [illegible] from Indo-Burmah [illegible] *Dalhousieae* with its race[illegible] of finely colored Phala[illegible] flowers from north Aust[illegible] and *D. Dalbosianum* wit[illegible] [illegible] spals and petals a[illegible] crimson, fringed lip is In[illegible] *D. Bensoniae* with sc[illegible] yellow flowers and remarkab[illegible] lip is native of Burmah. A [illegible] handsome species are native[illegible] Guinea, one of the best bein[illegible] *[illegible]ecta* with primros[illegible] spotted with dusky brown s[illegible] petals, and the lip deep vio[illegible] with a few paler radiating [illegible] the margin, the outside of [illegible] green with a large, irre[illegible] violet blotch on either side.

A HYBRID

A genus of Orchids wh[illegible] cent years has been enormou[illegible] oped by the hybridist is C[illegible] the Boat Orchid. Some of [illegible] are truly terrestrial, some gr[illegible] tops of rocks and others [illegible] epiphytes growing usuall[illegible] forks of trees. One of the best known species is the *C. grandiflorum* with long racemes of flowers spl[illegible] barred with rufous brow[illegible] yellow and crimson. Quit[illegible] in appearance are *C. ebu[illegible]* *C. Sanderae* with their asc[illegible] most upright flower-stems[illegible] flowers white in the form[illegible]

(Continued on page



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NERAL ELECTRIC Refrigerator

REFRIGERATION DEPARTMENT // GENERAL ELECTRIC COMPANY
HANNA BUILDING CLEVELAND, OHIO

TRADE **YALE** MARK

Masterpieces in hardware



YALE Builders' Hardware on your door is the criterion of refined discrimination throughout the home. Such approved taste and design charmingly enhance the sense of fitness. ¶ Then, too, the artistic perfection is supplemented with sturdy durability. Those who specify Yale Builders' Locks and Hardware purchase for a lifetime, as Yale has most effectively combined beauty, security and permanence.

Send for booklet on Yale Hardware Design

The Yale & Towne Mfg. Co.
Stamford, Conn., U. S. A.
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There Goes The Radiator!



THE radiator nuisance is out! Out of sight. Unsightly radiators always have been a decorative discord. Now they are converted into charming home appointments by Tuttle & Bailey Radiator Furniture. Wasted radiator space becomes highly useful, for this new furniture assumes various reading forms, such as window seats, book and flower shelves, and consoles, depending upon size and shape of the radiator—Tuttle & Bailey Radiator Cabinets are made wholly of furniture metal—truly exemplifying the artistry of fine cabinet-making. The finished product is a dignified unit of furniture worthy of a place in the most select surroundings. Mail coupon for booklet showing various models, which can be furnished to fit any size or shape radiator—in any color or finish to match woodwork.

TUTTLE & BAILEY MFG CO.

Name

Address



THE HUNT



Retrospect

MANY years ago Mr. Thomas Strahan started business. While to [illegible] it may mean but the perpetuation of a name, to us who have served him so long and who knew Mr. Strahan personally it has a far greater significance.

We know how, because he was unable to get papers to suit his inherent artistic sense, he decided to have his own plant to manufacture what people would appreciate. We know how this spirit instilled into us, into his factory, that true spirit of artistic service that knows full fruit only in the painstaking and unceasing effort for perfection.

That his principles were correct is proven by the continued success of our business. How well we, his successors, have followed them is attested by the preference for inspecting our papers. They are shown wherever good wall papers are shown.

THOMAS STRAHAN COMPANY

ESTABLISHED 1886

Factory: CHELSEA, MASSACHUSETTS

[illegible] AVENUE

Chicago &

6 No. MICHIGAN

Always have Three Kinds of Writing Paper in Your Home



How to get a man to write a letter

You'll have to get him to mail it!

WOMEN know the job it is, getting a man to mail a letter—let alone to sit down with a pen.

That long overdue letter—oh yes, he'll "write it tomorrow".

Frowns and fuss, when he can no longer dodge the writing desk.

Less frowns and fewer fusses, however, if there is the right kind of stationery for him.

Flat Sheets, the kind he uses in his business correspondence is the kind he wants.

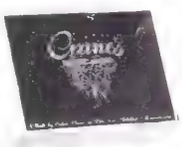
This emphasizes the need for *three* kinds of writing paper in the well appointed home:

Crane's—for the very best

Eaton's Highland Linen—for every day correspondence

Eaton's Deckle Vellum—a flat sheet for the man.

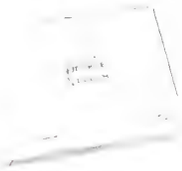
Eaton, Crane & Pike Company, Pittsfield, Mass.,
Factories at Pittsfield, Massachusetts, and Toronto, Canada.



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For the very best.



EATON'S HIGHLAND LINEN
For everyday correspondence.



EATON'S DECKLE VELLUM
A flat sheet for the man.

Eaton Crane & Pike



How would you write or respond to a dinner invitation?

Social correspondence assumes added importance as our lives grow busier and as good taste becomes more and more important to social progress. An especially low price of twenty-five cents has been placed on our new and practical and hitherto rare book, "The Etiquette of Letter Writing." Send the coupon and a quarter today.

Eaton, Crane & Pike Co., DEPT. 301, Pittsfield, Mass.

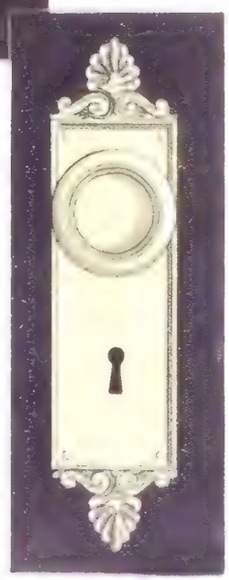
Please send me one copy of "The Etiquette of Letter Writing" for which I enclose twenty-five cents.

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RUSSWIN Distinctive Hardware of unfailing service and built to last a lifetime, features many examples of the early Georgian. Whether it be a sturdy, handsome door knob, a lock or small hinges and lock for a corner cupboard, all will be in perfect accord if you select RUSSWIN. Whatever the type of Georgian architecture, make sure that your hardware will reflect the final note of authenticity, for it will be seen and used daily.

Consult your architect or interior decorator when making plans—both will approve your choice of RUSSWIN Hardware. Or, write to us for a copy of the illustrative booklet featuring leading periods of design as expressed by RUSSWIN. Russell & Erwin Manufacturing Company (The American Hardware Corporation, Successor) New Britain, Connecticut—New York, Chicago, London.



Your architect or interior decorator can advise you about appropriate hardware by RUSSWIN

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is Safe, Scientific New Way to Strength and Health!

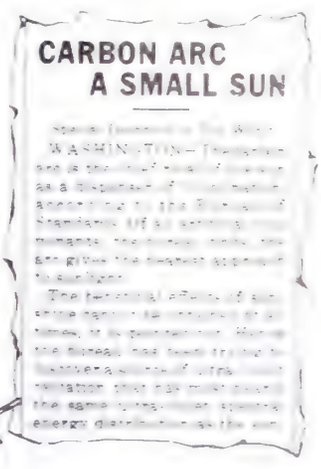
ER before have the alth-building powers sunlight been as fully d as they are today.

utes a day with the k SUNARC Bath ew vitality, increases o disease, makes you el 100% better. Deli- n and children are im- nefited by its health- g ul- and rays, in the lamp ttle ARC.

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Battle Creek Physicians have equipped their offices with this tested scientific aid to health. Visit your Doctor and enjoy the benefits of artificial sunlight, which is even more beneficial than natural sunlight—richer in the health-giving ultra-violet rays. Keep the entire family fit by periodic sun bathing the SUNARC way.



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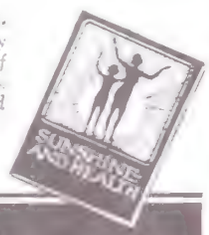
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NEW! In colors and color combinations. In design. In surface textures.

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Just imagine how wonderful it would be to have a bath room or kitchen that does not crack, chip, check or discolor, even after *years* of service. Sani Onyx really outlasts the building itself. And once installed there's never a penny to pay for repairs or re-decorating. Yet the cost is surprisingly moderate.

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Send for Your Copy



Beautiful SANI ONYX A VITREOUS MARBLE



One of the handsomest of these Sub-alpines is the Mountain Harebell, with white, pink and violet blossoms as large as Shasta Daisies

SUB-ALPINE PLAN

(Continued from page 123)

[illegible] and perpetual [illegible] and where the only flowering plants are in the form of diminutive tufts or small moss-like mats, scattered thickly among boulders, rocks and loose stones.

To the Alpine or rock garden enthusiast, whose sole interest is finding new flowers of merit and charm, the mountains have the greater lure. They can be explored much more comfortably and quickly. Instead of traversing [illegible] enduring all manner of hardships, the highest reaches can be attained in a few hours over safe and smooth motor highways. Furthermore, the floral reward at the journey's end is infinitely richer. In every direction, countless myriads of dazzling blossoms gladden the eyes of the plant hunter. If anything of a botanist, he is thrilled at finding within easy reach a much greater number of cultivable plant species, unknown in gardens, than have been discovered thus far in arctic America, and he perceives with intense satisfaction that many of them are identical with known arctic species that are eagerly sought for. He is not surprised at the presence of these treasures, h view of the similar conditi istence, and so he compl few rooted specimens of ea lects seeds, and goes awa that a long, tedious and journey in search of th made entirely unnecessary.

In the upper zones of th Rockies I have encountere beautiful wild flowers th reported to have been d botanical explorers in La the vicinity of Ungava Bay. Here are ten of the flourished in my garden, able from growers, and mended as charming under cultivation:

Mountain Arnica (*Arn lia*), Pink Pussytoes (*Anten* Nymph-of-the-North (*Cal* ds), Alpine Rose (*Dryas* Fireweed (*Epilobium spic* Beauty (*Polemonium* Cushion Campion (*Sile* Prostrate Laurel (*Kalmi* Swamp Spangles (*Saxifra* Pinktops (*Sedum rhodan*

(Continued on page



Calypso, or Nymph-of-the-North, is a dainty Orc growing in cool, moist and very acid soil. Its flow are rose and purple

CABOT'S
DOUBLE PLY

Home, 1929 Model



[illegible] of H. I. Glezier, Arch., Sales Mgr., General Fireproofing Co., [illegible], Ohio. Built by [illegible] Co., [illegible] Co., [illegible] Insulated [illegible] Quilt. Owned by [illegible] Johnson & Co., [illegible], Ohio.

WHEN you buy a new motor car, you want the latest model. You would accept nothing else and tly. The price is no greater than was asked ten s ago, but the improvements and increased equip- t could not be done without.

xactly the same line of reasoning applies to buying me. When you buy, make sure that you are getting latest model.

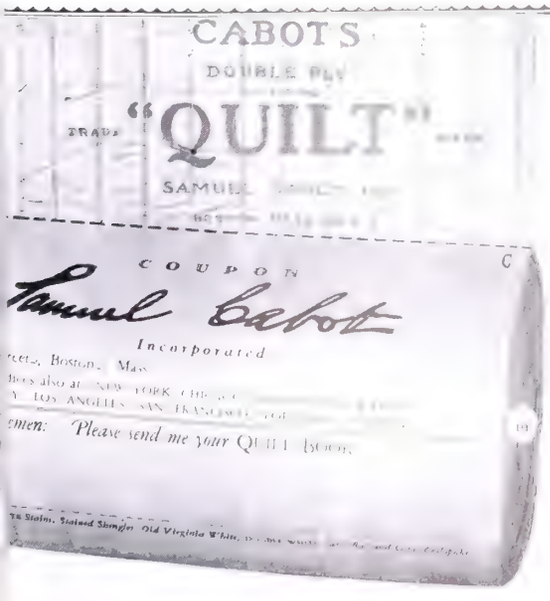
929 model homes are insulated, just as 1929 model have front-wheel brakes.

xpect and demand a home insulated with Cabot's t, for this gives you a greater combination of in- ting economy in first cost and in after savings. abot's Quilt Insulation is just as essential today as lern plumbing or electric lighting.

Cut out and send in today for our booklet "Quilt Facts" full information on [illegible] Cabot's Quilt

Cabot's Quilt

IN SUCCESSFUL USE FOR OVER 30 YEARS



If you could see each HEEL in action

you'd cushion your rugs with Ozite



HEELS pound down upon your rugs with crushing force. *Behind each heel is the full weight of the body!* Each step is like a hammer blow, pounding the fabric against the hard floor below—grinding it—twisting it—tearing it.

That's why you should *cushion* your rugs as practically all hotels and theatres do. Ozite Cushion absorbs the shocks that wear out rugs, eliminating the friction, the destruction. The heel sinks softly into the rug—the rug yields and is unharmed. This Ozite Cushion actually doubles the life of your rugs. This is a promise *backed by our guarantee.* Guests instantly sense the luxury of a rug cushioned with Ozite, for it gives any rug (even an old or an inexpensive one) the yielding softness, the deep cushioned feeling of an oriental.

Ozite is guaranteed to satisfy!

Here are some of Ozite's features:

Ozite is made of hair—like a thin hair mattress.

Ozite actually gets softer and softer with use—never wears out—never mats down—never forms lumps.

Ozite is *permanently* mothproofed with a solution deadly to moth larvae.

Ozite comes within a few inches of the edge of the rug and is never seen.

Ozite is "ozonized" by patented processes—it is absolutely clean and odorless.

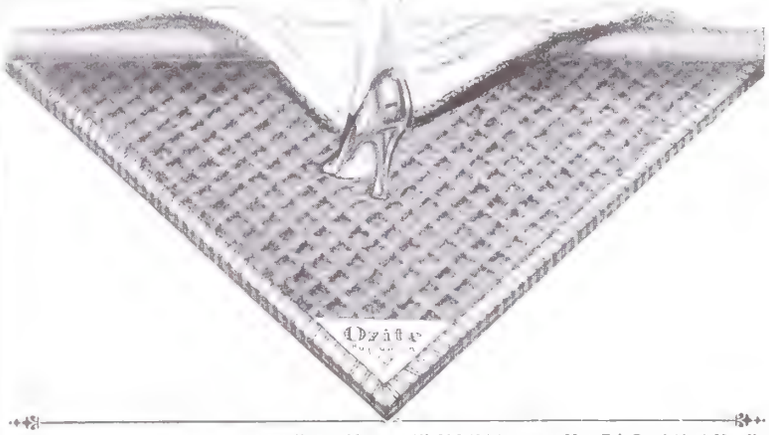
Ozite is taped and sewed on all edges—may be taken up and relaid. With Ozite under your rugs, your vacuum cleaner will clean them better than ever before.

Furniture, rug and department stores everywhere sell and recommend Ozite. Ask for it for your old rugs as well as new. Write for free booklet.

Ozite Rug Cushion

PATENTED SEPTEMBER 9 1924

YIELDS GRACIOUSLY TO EVERY FOOT



CLINTON CARPET CO., 130 N. Wells St., Chicago, Ill. HG58 (*American Hair Felt Co., Mfrs.*) Kindly send me your free booklet "The Proper Care of Rugs and Carpets" and a sample of Ozite Cushion.

Name ..... Address .....

City ..... State .....



A Modern Form of Common-Sense

If you wake up some night and find a burglar in your room---???

HERO stuff? Melodrama? Not likely! You'll probably tell him to go right ahead and help himself. The sooner he is through the better you'll both like it.

You can later replace the stolen valuables with more of the same kind of work that produced them in the first place. And melodramatic heroics are out of date.

BUT—the most dangerous of today's thieves, burglars, and stick-up men are fiendishly clever. They know you in advance. And they know your habits.

If you are *known* to be armed—they avoid you. They know you might see them first. With the new, heavy-penalty laws, second offenders cannot afford to take a chance.

Own a Smith & Wesson. Talk about it as a matter of course. Let it be known that you are not only armed but armed with the most dependable and accurate revolver ever made. The ears of the underworld are everywhere. And the possession of a Smith & Wesson commands respect.

SMITH & WESSON

SPRINGFIELD, MASS., U. S. A.

THE · REVOLVER · MANUFACTURERS

SUB-ALPINE PLAN

(*Continued from page* 178)

[illegible] mountain regions of Colorado and Wyoming are divided climatically and quite definitely into five zones, and the dominant flora in each zone differs materially from that of any other. It is not unusual, however, for certain plants of one zone to wander beyond its limits, usually along areas where the conditions continue to their liking. In the highest zone, between timberline and snowline, at altitudes from about 10,000 to 13,000 feet, the true Alpines grow. From timberline down to about 9,000 feet the Sub-alpines make their home. Then come the Mid-montanes between 9,000 and 7,000 feet, the flowers of the lower canyons and foothills between 7,000 and 5,500 feet, and finally the flowers of the plains to be found at altitudes below 5,500 feet.

[illegible] According to Alpines, their beauty, adaptability and cultural needs, appeared in the March and April issues of House & Garden. This article [illegible] to Sub-alpines.

Timberline marks the limit of upright growth [illegible] the upper boundary of the Sub-alpine zone. It [illegible] by the same [illegible] conditions, but frequently winds up sheltered ravines as high as 11,500 feet where the exposure is southern, and [illegible] below this, wind-swept slopes and ridges as far down as 9,000 feet. Above timberline trees are [illegible] and dwarfed to distorted or prostrate creeping caricatures, but at and below it they appear more frequently, begin to stand erect and continue to increase in number, height and vigor of growth, until a thousand feet or so lower down they attain normal size and form immense forests that clothe the mountain sides with verdure and surround every glacial lake and upland meadow with almost impenetrable barriers of really majestic proportions.

THE EVERGREENS

The majority of the mountain trees [illegible] cone-bearing evergreens—Pines, Spruces, Firs, and Junipers. The most abundant deciduous trees are Poplars, Oaks and Willows. Under these trees the soil is dark in color; of loose, open texture and rich in plant food, as it is composed of decayed foliage, twigs and bark from the over-arching trees mingled with a liberal proportion of granitic sand. Its reaction is acid in varying degrees but generally pronounced. In the valleys and basins of this zone are numerous lakes and upland bogs supplied with water by myriads of tumbling streams of every conceivable size that meander through the forests and rush down the gullies and tributary ravines. These watercourses have their source in glaciers or melting snowdrifts far above. After hard rains all of them, even the tiniest trickles, are transformed temporarily into raging torrents.

The climate of the Sub-alpine region is so much milder than the Alpine that there is some semblance of Spring, and the growing season is several weeks longer in autumn. While on the dry, stony slopes and hilltops many plants still make close, thin, spreading mats that cling to the surface, protected areas and in the woodlands the tendency is to erect flowering stems and foliage, and the root system branching, with numerous fine rootlets. In winter, plants in woods, valleys and swamps are for six or seven months under blanket several feet in thickness.

Under such comparatively conditions and surroundings the Sub-alpine flora, except on and treeless slopes and ridges rally contains a greater number cies and a wider diversity of the Alpine flora. It also shows susceptibility to differing tions, exposures and degrees ture. The flowers, however to the Alpine standard in qua and brilliancy of color.

AN INTERESTING TR

During visits of several in typical localities I w to study the nature and behav Sub-alpines in nearly every situation they frequent. Th teresting tract explored li or two below the base of Lo It includes a dense and exten of Spruce, Lodgepole Pine a with occasional clearings; shaded ravines of varyin dry sunny field that has ne the plow, and a delight lake, covering several the western shore of the lak Alder-grown peat bog that moist grassy meadow on sli er ground. On the east, a rock-strewn slope rises grad the water's edge to the foot mountain peak of naked good half mile away.

The forest is piled with ge ders and decaying logs amo score of tiny streamlets f ward from as many ice-c springs. Every ravine has brook at the bottom. Twinflower (*Linnaea bore* the dryer parts of the except where occasional Groundpine (*Lycopodium* have become established. I spots near the springs and brooklets the Rocky Moun bine (*Aquilegia caerulea* possession, reaching a h never seen equalled else every plant at the time was crowned with huge bl blossoms—some of them across by actual measuren

On the outskirts of the fringing the clearings are of Bearberry (*Arctosta ursi*) while out in the op ous groups of rose-pink pink and lavender Erig flowered Wild Lettuce, P deeper blue, scarlet Pain tall, coarse form of Plant, with yellowish flo odd appearance but lacki beauty of the type des accompanying list.

The dry field menti peted in midsummer w

(*Continued on pa*



der, Radiantly Healthy
THIS ENJOYABLE NEW WAY

G or backbreaking ex- s no longer necessary! nious new device, the Health Builder enables o gloriously healthy— slender—*without any our part!* The Health es a combined massage treatment, better than sseur. It vigorously mas- aviest muscles, peps up culation, aids digestion superfluous weight.

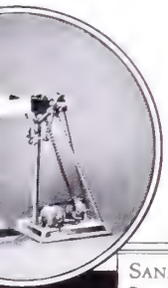
by Famous Beauty

Knapp, star of Earl "Vanities," and pro- "most beautiful girl in uses the Health Builder says, "I unhesitatingly recommend the Health Builder to everyone that is interested in keeping radiantly healthy and in retaining a beautiful figure."

Used daily in countless private homes, large medical institutions and by numerous physicians in their practice, the Health Builder is a *safe, simple, scientific* method of reducing weight and keeping vigorously healthy.

Send for FREE Book

Send for "Health and Beauty in Fifteen Minutes a Day"—a valuable Free Book showing the Battle Creek Health Builder in operation — *with complete series of home exercises.* Sanitarium Equipment Co., Battle Creek, Mich.



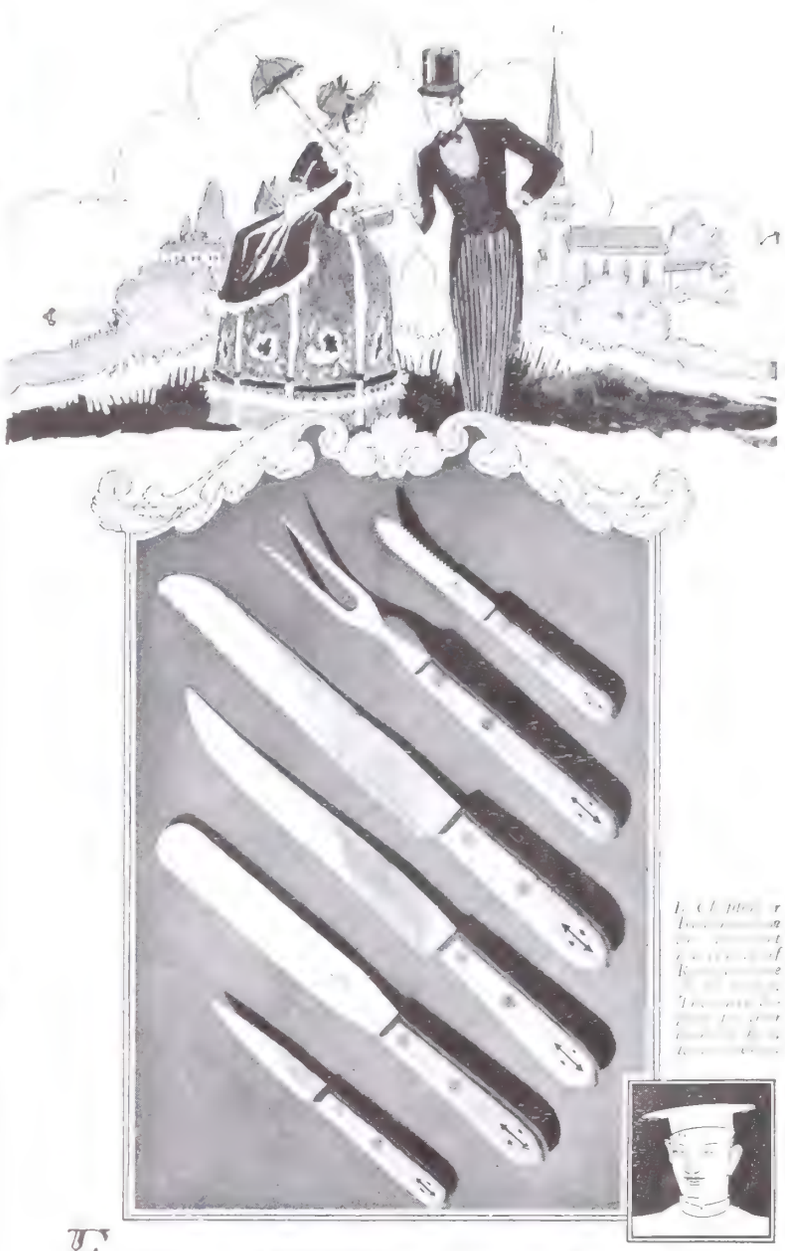
The Bicycle Girdle, "Arc Belt" and "Mechanical Health Horse" are all made by the manufacturers of the famous "Health Builder."

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Send Coupon Now

Keeps You Fit

SANITARIUM EQUIPMENT CO.
Room Y2334 Battle Creek, Mich.
Please send me FREE Book "Health & Beauty"—Today.
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Enter—NEW Beauty in Cutlery with a Long, Dependable Ancestry

YOU have cutlery, you say . . table cutlery and kitchen cutlery. But, ah! does your cutlery take an edge readily and, even more important, hold it lastingly?

Is it hand-ground stainless steel to meet Russell specifications?

Is it properly styled to delight the eye of the fastidious in correctness of shape or with color?

Yes, COLOR!

Color is king today in the home —and Russell for the last ninety years has been keeping just an edge in advance of the times.

Charm, beauty, utility—all are combined in Russell table and kitchen sets of hand-ground stainless steel with blue, red, green Russite, and conventional white handles of Ivoride.

Of course you would like to know more about Russell's latest cutlery contribution to the household. A booklet, quaint and charming, with modern hints on table appointments, will tell you. Won't you send for it at once?

RUSSELL
GREEN RIVER
CUTLERY
JOHN RUSSELL CUTLERY COMPANY, TURNERS FALLS, MASS.

$1995 buys a Chris-Craft all-mahogany runabout



EVERY family can now afford the pleasure and convenience of Chris-Craft ownership. Standardization and volume production have brought the price of an eight-passenger, 30 mile-an-hour, All-Mahogany Chris-Craft as low as $1005.

Forty-two years of experience in fine boat building, including the creation of ten consecutive Gold Cup winners, is reflected in the design of every Chris-Craft.

In addition to the $1995 model there are ten others, ranging in price up to $9750. Each a beautiful example of the boat builder's art—staunchly made, generously powered and luxuriously finished.



May we send you this Booklet?

It contains the complete Chris-Craft story, with pictures of the eleven 1928 models, specifications and prices.

CHRIS SMITH & SONS BOAT CO.

Chris-Craft

THE WORLD'S

SUB-ALPINE PLAN

(Continued from page 180)

masses of Crimson Loco (*Oxytropis lamberti*), Orange Crepis, golden-yellow Wallflowers and low-growing Erigerons in all shades of lavender, purple and pink, while in the encircling thicket are innumerable Columbines, Pentstemons, Red Anemones (*A. globosa*), more Erigerons, Pink Alliums and numerous colonies of the [illegible]. No cultivated flower garden that ever was could possibly have surpassed this amazingly colorful display.

[illegible] I was delighted to find the lovely fringed Gentian of the mountains [illegible] in full bloom. The deep blue blossoms are apparently exactly like the Eastern Fringed Gen[illegible] in July instead of October. Mingled with the Gentians were thousands of the fragrant little Orchid, called Ladies-[illegible] white, two-lipped [illegible]. In [illegible] Wallflowers, [illegible] Erigerons, purple, pink and white, and [illegible].

[illegible]

The lower half of the arid slope [illegible] flowers [illegible], with the [illegible] *Erysimum asperum* predominating, but farther up there were crowds of Alliums, Golden [illegible] and hosts of less conspicuous plants of similar habit and coloring.

The flora of the other localities visited showed little variation from that of the Long's Peak district, in which I do not doubt further exploration would have located every one of the twenty species recommended below for adoption into the family of novel and beautiful garden plants.

Arnica cordifolia. Mountain Arnica. 12-18 inches. Grows from creeping root-stocks. Flowers golden-yellow, two to two-and-a-half inches in diameter. Leaves heart-shaped. This showy Sub-alpine likes the borders and edges of forests where the soil is moist, rich and quite acid. In such situations it makes a continuous golden fringe, frequently miles in extent.

Antennaria rosea. Pink Pussytoes. 8-12 inches. Foliage almost white and very woolly. Flower-heads from rose-pink to crimson. Those who know and like the Eastern Pussytoes with its gray leaves and dully white flowers will appreciate the delicate beauty of its mountain cousin.

Aquilegia caerulea. Rocky Mountain Columbine. 12-24 inches. Flowers varying from pure white to deep blue, and on plants in favorable locations often four inches in diameter. The State flower of Colorado. Makes its best growth in intensely acid soil and half to deep shade. Plants from seed secured from Colorado dealers are best for gardens, but care should be [illegible] give them the soil and exposure to which they are accu[illegible]. They will then last for year[illegible] other plants, in ordinary garde[illegible] will usually disappear the se[illegible] third season.

Aster porteri. Snow-aste[illegible] inches. Most attractive Aster[illegible] Alpine regions because of t[illegible] liancy of its white, gold-cente[illegible] soms and their open, graceful [illegible] ment on the stems.

Calypso borealis. Calypso. [illegible] of-the-North. 3-5 inches. A da[illegible] chid that makes its home [illegible] moist, extremely acid soil o[illegible] logs or in loose mold under[illegible] Fir and Lodgepole Pine tr[illegible] flowers are like miniature Lad[illegible] with pink or rose-colored petal[illegible] the latter mottled with pur[illegible] difficult to grow and bloom i[illegible] in moist Pine needle mold i[illegible]

Ceanothus [illegible]. Mou[illegible] 18-24 inches. A neat dwar[illegible] flowered relative of the East[illegible] Jersey Tea or Red-root. Des[illegible] individual specimens in the r[illegible] den or for a low edging in [illegible] shrubbery anywhere.

Claytonia [illegible]. [illegible] Beauty. 2-5 inches. A very [illegible] and lovely species of Sprin[illegible] with from five to nine pi[illegible] blossoms on a stem. Found [illegible] rich, slightly acid soil along[illegible] particularly in Alder thickets.

Hedysarum [illegible]. [illegible] Plant. 4-8 inches. This odd [illegible] ony belongs to a parasitic fa[illegible] like others of that ilk decli[illegible] when moved from its natura[illegible] is included here because it[illegible] in every Sub-alpine swamp [illegible] ow is certain to attract atte[illegible] excite curiosity. Its flowers [illegible] markable resemblance to [illegible] elephant heads and the [illegible] notable for their unique [illegible] both foliage and blossom.

[illegible] ON MOUNTAINSIDE

Epilobium [illegible]. Fir[illegible] low-weed. 1-3 feet. The Fi[illegible] the lowlands is always bea[illegible] this mountain form is exq[illegible] color of the blossom sp[illegible] from flesh pink to rosy c[illegible] rarely shows a tendency t[illegible] genta. In many places the [illegible] acres of mountain-side an[illegible] is gorgeous beyond express[illegible]

Erigeron salsuginosus. [illegible] Fleabane. 8-20 inches. O[illegible] handsomest mountain [illegible] with white, pink or viol[illegible] as large as Shasta Daisi[illegible] moist situation and will th[illegible] good soil.

Gentiana [illegible]. Upla[illegible] 4-12 inches. Has handsome[illegible] liage and terminal cluste[illegible] blue slightly-opened flowe[illegible] neat and attractive plant.

Gentiana romanzovi. M[illegible] tian. 2-6 inches. The low t[illegible] send up enormous blos[illegible] creamy yellow color str[illegible] blue and spattered with [illegible] Prefers moist locations in [illegible] grassy places.

Mertensia ciliata. Broo[illegible]

(Continued on page [illegible])

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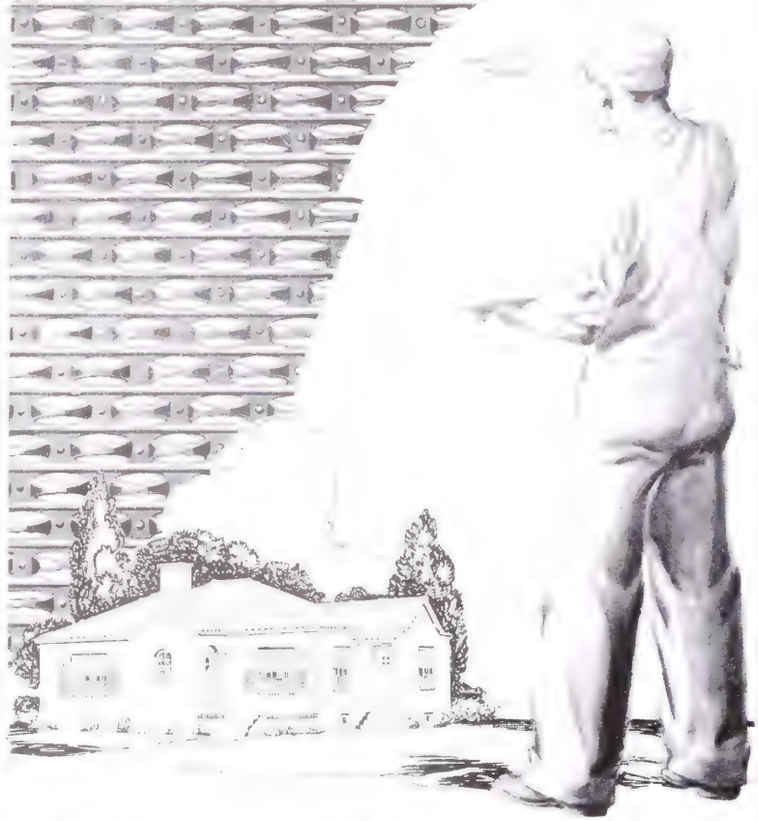
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Your gift of Fostoria may be simply a flower bowl, or several flower bowls in graduated sizes. A set of open salt cellars. An ice bucket. A pair of sweetmeat jars. Dishes. Cups and saucers. Or if your gift is to be in the grand manner, a complete Fostoria dinner service. Fostoria is both plain and etched (have you seen the new brocade etching?) and engraved. Colors are Dawn, the new pink; Azure, the new blue; orchid, amber, green, crystal and iridescent. . . . "The Little Book About Glassware" has many interesting gift suggestions. Free. Send for it, addressing The Fostoria Glass Company, Moundsville, W. Va.



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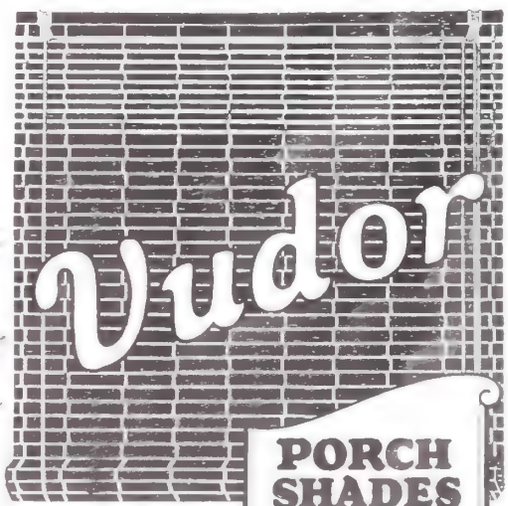
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VUDORS make home more attractive—both inside and out. Their cost is moderate.

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Perhaps the cigarette *you* smoke is *too strong!*

Then try Johnnie Walkers.

Unexcelled mildness is in them.

And—full tobacco fragrance.

For they're made of the tenderest portions of choice tobaccos.

No stems, no bitter ends, no grit.

They cost a little more, it's true.

And are worth it, for such mildness—yet such exquisite taste.

Try them—they are mild.



20 for 20c

Johnnie Walker
cigarettes

EXTREMELY [illegible] PAWORED

SUB-ALPINE PLAN

[illegible] page 182

[illegible] A [illegible] plant with numerous clusters of drooping bright blue blossoms and handsome persistent foliage. Present a fine appearance throughout the growing season.

Pentstemon humilis. The Canon Pentstemon. 4-12 inches. A particularly bright blue species of neat, compact habit bearing flowers in unusual profusion. This flower grows on stony slopes and in rocky ravines and is ideal for growing in rock gardens.

Primula parryi. Parry's Primrose. 4-12 inches. A very handsome but somewhat ill-scented Primrose, bearing spikes of rich crimson yellow-eyed blossoms that rise from among long, lance-shaped leaves. Grows in rich acid peat along Sub-alpine brooks.

Saxifraga austromontana. Boulder Saxifrage. 3-6 inches. It is not unusual for a single plant to produce seventy-five or more blossoms on slender stems rising from a densely crowded tuft of leaves. The flowers are white freely spotted with orange and purple dots. [illegible] places of a rock garden.

Sedum stenopetalum. Golden Stonecrop. 2-3 inches. Makes spreading tufts on stony slopes and ridges everywhere throughout the mountains below timberline, but is of better habit and brighter color in the Sub-alpine zone. The flowers are bright yellow stars that contrast beautifully with the grayish, fleshy foliage.

sel. 4-20 inches. A very charm of Groundsel with slender ste from a rosette of fern-like l terminating in showy flat c brilliant, golden-yellow, blossoms.

Trollius albiflorus. Whit flower. 4-8 inches. Leaves d and toothed like those of th Swamp Buttercup. The blo semble Marsh-marigolds in color, are produced in great and measure from one to t inches across. A plant of c situations which frequentl into the Alpine zone and ther a near companion of the Gl tercup.

[illegible] M rian. 12-20 inches. A rather relative of the garden Vale comes into bloom as the melt on Sub-alpine hillside white on long stems and

In the rock garden, Sub- ditions may be imitated suf the plants are located where not be buffeted by strong where the soil can be kept cool and moist at all times contain a larger proportio humus and not as much s true Alpines require.

Sub-alpine plants should mulched during winter. [illegible] should make a covering at

THE VERSATILE ORCHID [illegible]

and barred with rose-red in the latter. These have proved of great service to the hybridist who, by crossing them with some of the older sorts which have spreading, many-flowered racemes, has evolved a race of useful plants of wondrous beauty whose flowers will last for from six weeks [illegible]

No Orchids in blossom are more beautiful than the Phalaenopsis or Moth Orchids of which one of the best is the white-flowered *P. aphrodite*, native of the Philippines. Very lovely, too, is *P. Schilleriana* with rose-pink blossoms. The oldest known is *P. amabilis* which grows in Java, Borneo and other islands and has large, handsome flowers. All the Phalaenopsis have lovely flowers and in many species the strap-shaped leaves are reddish below and quite prettily mottled on the upper side.

Another fine genus is Vanda with large fragrant flowers of many hues. Perhaps the most exquisite of all is *V. coerulea* with large flowers of soft light blue tessellated with azure blue. This is one of the gems of the Orchid world and captivates all who see it. The well-known *V. suavis* and *V. tricolor* are natives of Java and both have axillary racemes of thick fleshy flowers with a strong spicy odor. In *V. suavis* the flowers are white spotted with red-purple and the basal half of the lip is deep purple. The flowers

a yellow ground. From th [illegible] flowers spotted with dark bright rose-purple lip. A [illegible] species is *V. Sanderiana* some flattened flowers, w with half yellow and reti dull crimson.

Africa is remarkably p showy flowers from that nent. There are a numb trial species especially in south and the most remar [illegible] is [illegible] Mountain. Of showy epi the finest hail from [illegible] the ha Orchid (*A. sesquipedale*) [illegible] of A species has strap-shaped l habit resembles certain Vanda. The flowers, tw [illegible] from six to nine inches in texture and pure wh of the labellum is proj enormous hollow spur to fourteen inches in l bottom of which honey Indigenous in the same moth with a tongue su to suck the nectar from this spur, and this is t [illegible] possibly [illegible] zation of the flowers!



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ADDING the [illegible] new buildings at Sweet Brier College are [illegible] colonial verandas which lend a stately atmosphere that is distinctly classic and unmistakably Colonial. (Cram & Ferguson, Architects. Clark & Crowe, Associate Architects.)

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Nothing else, moreover, can so vividly portray the superb designing and masterly craftsmanship that goes into every charming Hartmann-Sanders entrance, column or other exterior and interior feature.

Hartmann-Sanders entrances and other products, including famous Koll Lock-Joint Columns, are built to resist the imperfections which usually develop with age. Their original newness remains undimmed throughout the years. Yet they cost but little, if any, more.

Book of model entrances free

[illegible]

HARTMANN-SANDERS

Pergolas *Colonial Entrances* *Garden Equipment* *Koll Columns*



It was just really to test your skill as a gardener, my Androsace spinulifera, a mere of Clumps with rose-colored flowers

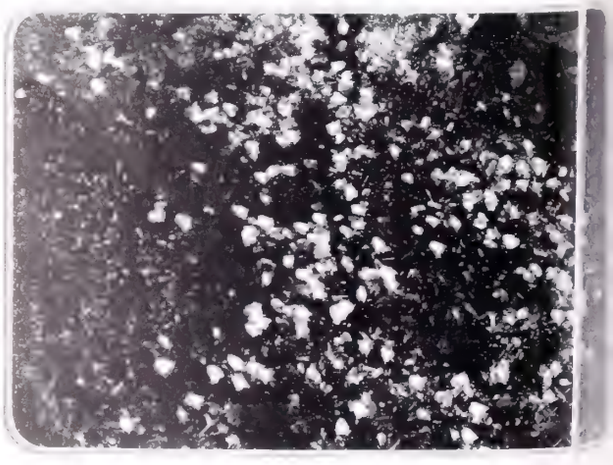
CANDYTUFTS AND OTH

(*Continued from page 108*)

low-growing plants are required. These come in soft tones of pink and rose, lavender, violet and the more usual white. I once sowed a flight of rough garden steps with seed of the lavender annual Candytuft with a resultant most enchanting effect. But the kind I like best of these annuals is *Iberis sempervirens*, the sweet-scented Candytuft, whose white or pale lavender blossoms are honey-scented when the sun lies warm upon a patch or bed of them. It is said to be most fragrant when grown in poor soil.

AN ENGAGING BELLFLOWER—*Campanula pusilla* is one of the smallest and decidedly one of the prettiest of the dwarf Bellflowers. It grows not more than two inches tall, a minute creeping thing whose roots run about freely in open stony soil, sending up tufts of soft green oval leaves until a broad mat is formed, and then, in July, quite obliterating this with masses of small bells, white or of that cool misty blue characteristic of so many of the Campanula[illegible] at all a difficult plant t[illegible] often proves short-lived, [illegible] son, I believe, that one [illegible] important requirements i[illegible] neglected. Twice a year [illegible] given a generous top-dres[illegible] leaf mold and sand, in[illegible] once just after it has finis[illegible] ing, and again in sprin[illegible] winter rains have wa[illegible] from about the roots. [illegible] consideration is given it [illegible] be little trouble in keepi[illegible] beauty contented. For the[illegible] a position where the s[illegible] for not more than half [illegible] free and gritty but no[illegible] It will cascade torrentia[illegible] narrow crevice, or creep [illegible] ledge in the rock gar[illegible] fill the joints of stone s[illegible] not in full sun. But don[illegible] top-dressings or its enga[illegible] will be brought to an [illegible]

(*Continued on pag[illegible]*



Campanula pusilla will soon make itself at home o[illegible] stony ledge of the rock garden and will spread ab[illegible] like a gay little weed

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E marvelous flavours will
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Produced only from young porkers raised in America's famous corn belt, cured in the slow, painstaking way so vitally essential in the development of full flavor-richness—and then, not sparingly, but for days and days, given a finishing touch of lusciousness with real, green, hickory-wood smoking.

DECKER'S TOWN CLUB HAM possesses a refinement of natural flavor and juicyness that fairly smacks of the country—the true, old-fashioned ham flavor so enthusiastically appreciated and so seldom encountered. It is not a canned cooked

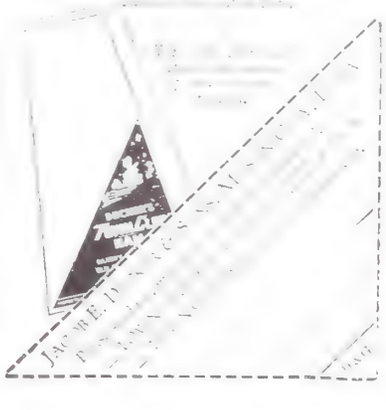
These wonderful hams are served in the exclusive Club, whose membership demands the best, in the finer hotel restaurants where quality nor price is the consideration and are available to you by ordering direct from us. (A few very fine retail stores sell it in the larger cities.) The price is 50c lb. *delivered*, east of the Rockies,—55c lb. west, and they weigh from 14 lbs. to 16 lbs.

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". . . You make the finest ham and bacon that I ever tasted. They have added to the joy of our breakfast festivities . . . You will be the source of our steady supply so long as breakfast is a function in our home"—wrote a customer—an epicure, by the way—last week.

There really isn't much more to be said about our Bacon, is there? It is the same, slow, delicate cure and the same careful long smoking with *real* green hickory-wood, that sets DECKER'S TOWN CLUB hams apart.

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WHEN you show a guest to the bathroom, you are really giving her an index to your standards of cleanliness. She knows, just as you do, that the bathroom is the *one* room in your home that reflects these standards.

No matter how attractive and modern the bathroom is—unless the toilet seat is spotlessly, immaculately white, your guest cannot help thinking that you are careless . . . about a matter for which there can be no excuse—carelessness. A worn, out-of-date, unsanitary toilet seat can ruin the appearance of any bathroom.

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A new white seat costs only a few dollars. The Church Sani-White Seat can be attached in two minutes to any bowl, with a pair of pliers. It is detachable; it can be moved whenever you move.

Every Church Sani-White Seat is definitely guaranteed. Its smooth white surfaces [illegible] joints in which germs and dirt can lodge. It will not chip, wear off, turn color. After years of service, it will remain free from imperfections.

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Mail the coupon for this free booklet and [illegible] actual sample of the Sani-White covering. We want you to test it for dirt and wear resisting qualities yourself. Your nearest plumbing store carries Church Seats. C. F. Church Mfg. Co., Holyoke, Mass.





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Gentlemen:
[illegible]

Name [illegible]



Of the race of Pinks there must be "sealed", like the tribes in the Bible, fully ten thousand. This is a hybrid from Dianthus alpinus and superbus

CANDYTUFTS AND OTH

(Continued from page 188*)*

Plants of *Campanula pelita* may be bought ready grown, or a careful gardener may raise it from seed. But the seed is very fine and requires care at the sowing, and the very seedlings require [illegible] and protection.

A rock garden [illegible]—The Arabis are among the most delightful of rock garden plants. Some of them, like *A. procurrens* and *A. mucronulata*, are more compact forms. *A. albida*, and *A. primulifolia*, grow to more than a sunny position in well-drained, nourishing soil for their complete well-being. But [illegible] other that put out best [illegible] and among these I think we must place the plant illustrated on page [illegible], *Iberis sempervirens*, a species of [illegible] introduction from Crete. In winter the leaves form a little close gray rosette not unlike that of a Sempervivum, but in spring this unfolds into tufts of longish leaves and there are no runners sent out after the hearty spreading manner of *I. sempervirens* [illegible] the race. The flowers [illegible] stems about six inches tall and are soft rose-color. The little blossoms are made bright by yellow centers. The plant pictured [illegible] growing in Mr. Lown's garden. Of it he says that it has proved [illegible] with him—its ways suggesting the possibility that it is biennial. Mr. Farrer does not so characterize it. According to [illegible] my open, rich, cool soil [illegible] not a torrid situation. [illegible] climate is too severe for [illegible] would be interesting to [illegible] any one else in this country had experience with this [illegible] Chinese Alpine.

ANOTHER OF MR. LOWN'S—All Pinks are endowed with [illegible] even the rather untidy and [illegible] cluster-headed kinds have [illegible] some measure. The plant [illegible] above is the result of a cross [illegible] two differing species—*D. plumarius* and *D. superbus*. It [illegible] resembles either parent, [illegible] fringed blossoms somewhat those of *D. superbus*, and [illegible] stature and the type of foliage be considered as inherited from *D. alpinus*. Mr. Lown says: "A easily grown and steadfast [illegible] the Alpine Pink, which [illegible] flouts our best efforts in its [illegible] dwindles into nothingness [illegible] agonized gaze. And as for [illegible] parent, *D. superbus*, is a [illegible] wonders whence comes its [illegible] Nearly all Pinks thrive in [illegible] in a nourishing but gritty [illegible]

GAY COLOR—A breadth [illegible]

(Continued on page [illegible]*)*



In a corner of the rock garden or border, combine Cou[illegible] Up and Aubrietia, a gay little pair of companions for bloom in late April and May



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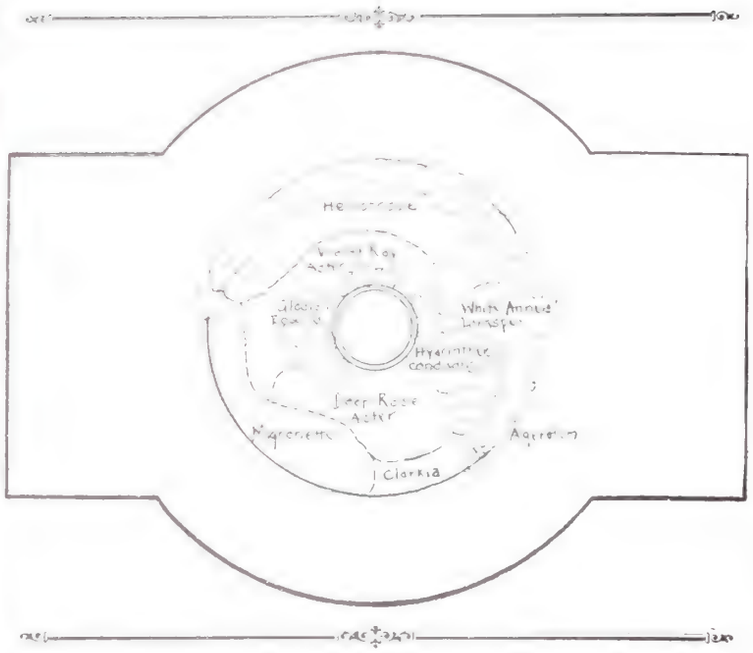
"For I have made my Soisette not only in sheer white but in a light blue, a pastel pink, a delicate green, and a lovely orchid. Already hundreds of women have written to tell me how Soisette, tinted with pure vegetable colors, dresses up the appearance of the bathroom.

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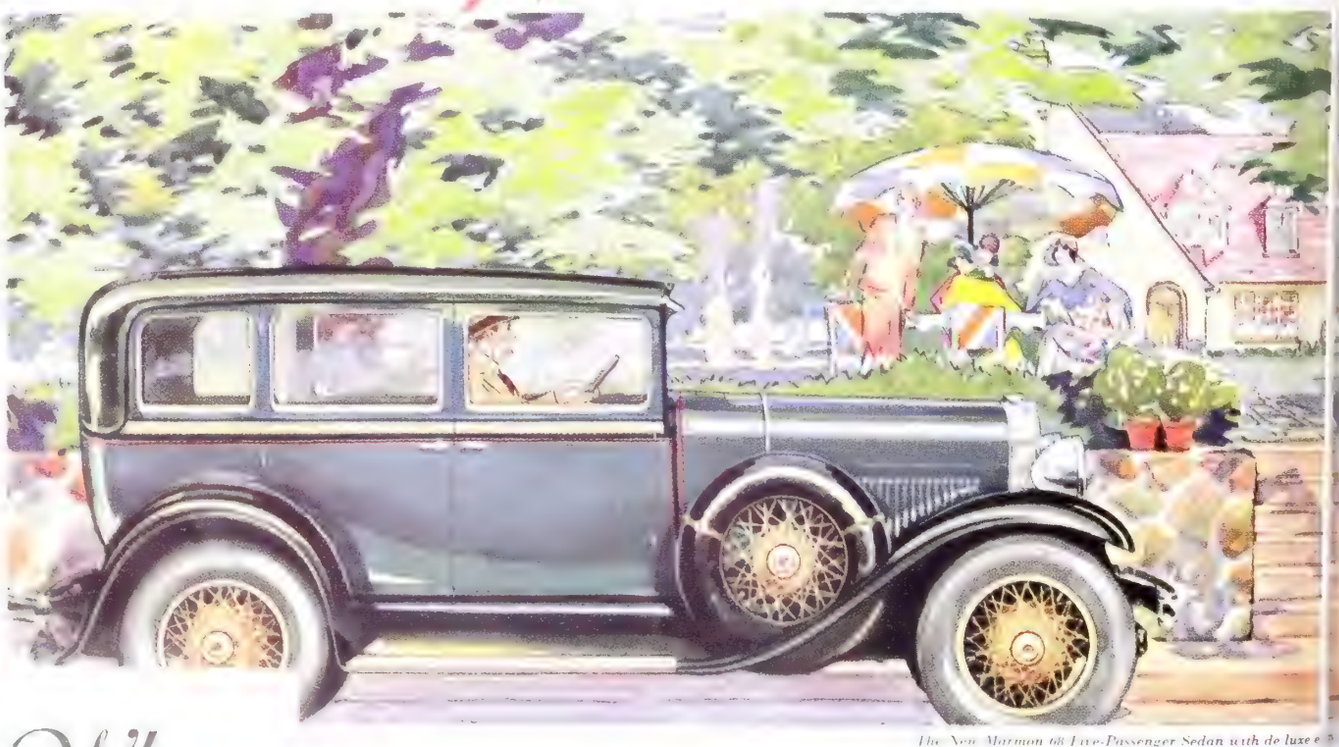


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And all this at $139[5]



The New Marmon 68 Five-Passenger Sedan with de luxe e

When you get right down to cases and figure out just how much you have to spend for an automobile, it is indeed a refreshing thing to know that your money—even though it be of a modest amount—can now buy an automobile that is really distinctive in appearance and spectacular in performance—with eight cylinders rather than six.

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Price—[illegible] and upward, f. o. b. factory. De Luxe equipment at moderate extra cost. *There is the New Marmon 78*—a new straight-eight of 80 horsepower. *Choice of six body styles*—[illegible] *and upward, f. o. b. factory.*

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A collection of Old English Garden Furniture rich in the little touches that really make a garden. Fountains, Statues, Sundials, Urns—an almost endless variety of artistic and beautiful offerings. These pieces are made in lead a material that not only withstands the exposure to weather but blends particularly well with the verdure of trees and growing things. Visit our showrooms or write for photographs of available pieces.



A lure to our little winged friends that adds the touch of life to the garden. Leaden Bird Bath.

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For the first time

A genuine TONTINE washable window shade for $1.00

So that you may test it in your own home



(Special Note: Send us the coupon below with $1.00 attached and we will send you a Tontine shade from stock in your home. This offer is for introductory purposes. Only one test shade sent to a home at this low price.)

TODAY'S vogue requires light, cheery window shades . . . pastel tones of cream or buff . . . lovely at first, but soiled by hard service. Now, with du Pont Tontine, these desired light colors are practical. For here is a shade that can actually be washed, one which keeps its fresh, trim beauty season after season, a lovely shade created for the modern, colorful home.

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Of all the shades in the house, the one at the bathroom window receives the hardest service—so this is the ideal place to test Tontine. Measure the bathroom window today, then mail us the coupon and a dollar.

When the postman delivers your shade, hang it at the window. Then, after a short time, make this test: Take it down and lay flat across a table. To prove that it will really wash *clean*, soil it deliberately if you wish. Then scrub vigorously with plenty of soap, hot water and a brush. You'll be amazed to see how quickly the dirt vanishes. Then hang your Tontine shade up again. It's soon dry, restored to clean, fresh beauty.

Send for a test shade today. Prove for yourself, as thousands of other progressive American homemakers have, that shades of du Pont Tontine bring you a new beauty and usefulness.

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THE *WASHABLE* WINDOW SHADE

Measure from top to tip, including metal pins. Use yard stick.

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The modern furniture support

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NOW—protection at the spot where furniture meets floor covering. No ugly dents to glare at you! No deep-gouged holes where furniture has rested!

NoMar's broad base spreads the weight of furniture—protects the soft pile of rugs or carpet, the smooth surface of linoleum. Furniture glides smoothly without strain or scratch—on NoMars.



So easy to install, too—NoMars slip handily into any socket already in use. Then an obliterating good body adds a needed finishing touch to furniture.

Four sizes—for light, medium, heavy and extra heavy furniture.

Size	No. 1	No. 2	No. 3	No. 4
Width of base	1¼"	1½"	2"	2½"
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Your Windows Can Come To The Floor Line

PERHAPS you too admire rooms in which the windows come down to the floor line. Sometimes such windows are used as French doors, opening on to a terrace Sometimes they are just windows letting in long, wide shafts of sunlight.

Whenever you expressed your desire for them, however, you were probably told "you *must* have radiators in front of *some* of the windows."

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These Robras 20-20 Radiators can be used with steam, hot water or vapor systems. They can't rust or leak.

Your name sent on the coupon below will assure your receiving an interesting book about this modern radiator.

CANDYTUFTS AND OTHE

(Continued from page 190)

...der or the hem of a border may with the certainty of enjoyment be planted with Cowslips, *Primula veris* ... and Aubrietia. Yellow ... with those of lavender or ... coloring ... always gay and charming and these two go well to... Aubrietias are as easily raised ... as the proverbial Cress, but ... a little more care when planted out. Our extremely hot summers are hard upon them and so I find a ... tuation not in full sun is best for them, with plentiful water in dry weather. The Cowslips enjoy like conditions and are also easily raised from seed. There are many varieties of Aubrietia, but where they are to be grown with Cowslips, or other yellow flowers of the spring, the rose and crimson ones should be avoided. Seed of mixed lavender and purple kinds is to be had and there are a number of new large-flowered kinds offered this season. Of these are Aubrey Prichard, Bright Eyes, Celestial and J. S. Baker. Old reliables are Dr. Mules, Henderson, Graeca, Mrs. Lloyd Edwards

...IRIS TENAX

Various species of Iris native to the ... Coast States are causing eastern gardeners, who essay to reconcile them to an alien climate, considerable travail. They are attractive and ... by ... and successes here and there urge us on in our attempt to solve the sum of their necessities, when ... from their native ... But ... not be said that we ... with conspicuous success. *I. ... ...* (Rocky Mountain) and *I. ...* do not present any special difficulties to the ..., but most of the dwarf species of the Coast States are puzzling ... The ... illustrated ... ... the northern Pacific States. This flourishing clump has ... my garden from a small bit in the last four years. It lives on a slope of the rock garden facing due east, entirely shut off from the south and west, but open to the north. The soil is the gritty mixture generally used in the rock garden.

... M. B. Y. Morrison (Farmers' Bulletin No. 1406) and ... *I. ...* has proved fairly easy to establish in the East. In my own garden a lovely little species, *I. gormani*, is settling down, and Mr. Lown has *tenuis*, *gormani*, *tenax* and several others looking settled and contented. But we are not quite at rest about them. What is the best time to move them? How much cold will they stand? What soil and exposure do they require? These are questions needing to be definitely answered. Here is a most alluring field of endeavor for some garden adventurer. It seems established that raising them from seed is the best way to handle them. They germinate readily and by this means damage to the meager root system with which most of them are fitted is avoided. In transplanting full-grown plants received from the West my best success has been with fall planting (October) and laying on a heavy blanket of leaves for the winter. The following spe... very desirable: *I. tenax*, *I. long... I. douglasiana*, *I. purdyi*, *I. br... I. tenuis*, *I. gormani*, *I. mon... missouriensis*.

A WILD PLANT FOR THE BO... Many native wildings shine bra... our garden borders, but most ... have first passed through the m... of the beauty parlor, to say n... of having taken a course in flo... quette. Thus we have the Swee... lean, the Phlox, the Hardy ... Their grandmothers would ... them. But here is a plant that ... dug from the roadside and pla... once among the best without ... bringing shame to the most ... This is *Eupatorium ageratoi...* Wild White Ageratum, ... many a valiant weed and ... vagabond, but possessing ma... finement and grace. It is foun... monly in rich open woods ... copses, or along half shaded ro... so is most happy in part... borders, though it will not ... grow in full sun if given ... retentive soil. It grows from ... five feet tall and furnishes in ... summer and autumn plume... white flowers delightful ... bining in the borders or for ...

...TENSE RED—Many sens... today cannot abide so ... clint of red in their gard... decried a bold and vulgar h... to shock the life out of th... pulled color schemes that ar... of the moment. It is true t... we might call spectrum red ... and unfriendly color, but no ... than the shrill yellow worn... Sunflower clan. Most so-ca... flowers, however, are in fac... a brave and flashing hue, brin... and vitality to the garden a... sister hues, orange, one of ... splendid of flower colors. H... few that I would not be wi...

...GOOD REDS

Cardinal japonica, Japanese ... Kniphofias (Red Hot Poker ... exciting among Michaelmas ... lavender tones, and hardy if ... tected. Five Lilies, *L. chalc... L. tenuifolium*, for the roc... *L. ...rrisum*, our lovely li... *L. philadelphicum*, that ... sandy acid soil, and *L. croce...* should be called the Unl... because it thrives in borde... other plants and requires ... consideration. *Papaver ...* orange-scarlet tones, that ... grown among white Peoni... *pallida dalmatica*, or the ... of the peach-leaved Bellflo... *Stemon barbatus*, to plan... clumps of Phlox Miss Ling... quite splendid wild Tuli... rock garden, *T. praestan... geri* (the latest Tulip to b... *T. linifolia*, of the m... sealing-wax red. *Anemon... fulgens*, brilliant beyond th... my pen to describe, I shou... the hundred if I could gr... all. Once I had a half-d... a large planting live over ... and the rock garden seem... a special pitch of lovelin...



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ETHER your
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ell or spring for
ply — a MYERS
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They supply an abund-
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Edgwoods right over the old roof

Save labor . . . . save litter . . . . double insulation, too

LAYING Edgwood red cedar shingles right over the old roof is absolutely practical and thousands of homes have been re-roofed this way during the past few years.

This method offers many desirable advantages . . . . no expense tearing off the old roof . . . . no dust or litter . . . . no injury to shrubs or flowers . . . . no interior left exposed to sudden rain-storms . . . . . and of greater importance is the double insulation, making your home much warmer in winter and cooler in summer.

Home owners who have used this method write:

"The wonderful results which I have obtained by your method of re-roofing with new cedar wood shingles laid directly over the old wood shingles has made me a very enthusiastic advocate of the double wood shingle roof for dwellings, and I am confident that your idea will prove a great boon to home owners in the future."

"Will say that I am entirely satisfied and very much pleased with the results which you obtained and which gives me a double shingle roof."

"This year, with the double cedar shingle roof, the third floor of my house has been from 12 to 15 degrees, at least, warmer than it ever has been before in zero weather; for the first time since we have been in the house we have not had to allow the faucets to run in zero weather to prevent breakage of water pipes, and we have not had to use electric heaters on the third floor to make this comfortable."

Edgwood red cedar shingles, cut edge-grain from centuries-old giant cedars, are infinitely superior to ordinary shingles . . . . they combine all the five essentials of good building—appearance, durability, economy, safety and insulation.



Ask your architect, your contractor, or your lumber dealer about Edgwood red cedar shingles . . . . they will tell you why cedar grain shingles are better and Edgwoods in particular. Fill in coupon now, whether you intend building immediately or not.

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Please send me booklet *"Edgwood Homes"*.

Name _____

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(State whether home owner, architect, builder or dealer)

Booklet entitled "Edgwood Homes," containing many exterior and interior views of beautiful homes, with color schemes worked out, floor plans, etc. Free on request.

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Cut edge grain—will not warp, cup or curl

CUT FROM THE MIGHTY CEDARS OF BRITISH COLUMBIA

This Farm home

. . . has kitchen, bathroom and laundry that are as modern and sanitary as your city apartment.



A KAUSTINE Septic Tank installation takes care of the sewage disposal of the entire household—the bathroom, lavatory, and toilet as well as the kitchen and laundry—at a surprisingly low cost. And though Kaustine Tanks are made exclusively of Armco Ingot Iron and enamelled inside and out with Hermastic Enamel, they cost no more than ordinary septic tanks. These high grade materials are your protection against rust and deterioration and a guarantee of lasting quality and honest value.

Kaustine Septic Tanks are scientifically designed for satisfactory performance by Kaustine's own staff of sanitary engineers.

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SYSTEMS for SEWAGE DISPOSAL



KAUSTINE COMPANY, Inc., 35 Main St., Perry, N.Y.
Send me a copy of the free book "Scientific Sewage Disposal for Suburban and Country Homes"

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Totty's Best 3

OUR own selection of three novelties which are sure to delight any garden lover. We grow many plants which are more expensive, but few that are likely to give more pleasure.

Viola, Jersey Jewel. Our 1928 introduction, a beautiful cross between Viola Jersey Gem and Pansy Queen Victoria. Planted in a sunny situation, it produces an abundance of large Pansy Violet flowers from spring until late fall. Illustrated in color in our catalog. Plant liberally for cut flowers. 100 for $7; dozen $1.

Carnation, Annie Laurie. A fragrant hardy carnation which blooms from May until November. Orchid pink with deeper center. Pictured in color in our catalogue. 100 for $20; dozen $3.

Delphinium, International Hybrids. Selected field grown seedlings of the finest varieties in a vast range of blue tints and shades. Clumps: 100 for $75; dozen $10.

OUR Silver Anniversary Catalog shows these and other specialties in exact colors. If you have not received a copy, and are interested in fine Perennials and Roses, please let us have your name and address.

Totty's

Allison Road

Madison, New Jersey

WHEN IS A FARM NOT A F

(Continued from page 166)

my shore front was an actuality and not merely an indication on the surveyor's blueprint.

A part of the seasoned wood which was formerly the barn helped towards the construction of a ten room bungalow and a three car garage, both of which building cost me when completed a total of $8,500.

I followed the design of the house, so that the whole is harmonious. The bungalow and the old-fashioned perennial garden which is directly on the east of the house are separated by a wall of Sweet Peas. I have Sweet Lavender beds which perfume the air in summer and the linen closet in winter. The icehouse was taken across the road and now ends my row of low buildings.

I must not forget that I have been thinning out trees in my forest primeval and that I have a simple boathouse on the shore directly beside my fourteen beach.

Thus I came my third summer, I have converted this old farm into my ramshackle home. It has developed naturally and not disastrously so far as the expense is concerned. The total cost will not be much above twenty thousand dollars. It is really luxurious enough despite its simplicity to satisfy even the exactions of luxury-loving New Yorkers.

It is so unpretentious, and the furnishings and fixtures are so plain, that I can literally look up the place every autumn and be reminded of its existence only in the following spring. I read my garden catalogs, I receive pamphlets from the Bureau of Agriculture in Washington, I look over thirteen acres of marsh, think how profitable it would convert this strip into berry bed.

I read quotations in the ing the high price of Mai I note that the Apple orc county yield better fr can get from the West, I patches of field which and worked might prod unusual quality. I think all the pleasure in the w refrain from allowing m tempted. I do not forg bank balance, I rememb old age, I recall the fo friends who have impover selves while sitting deje midst of their Long Isla ence. I see so many of th so crushed by this grande are most preoccupied ho longer a question of enj of how to raise a secon on the property.

Their dream of peac sentiment has become a n fear and discontent. Thes creatures who started out convert a farm into a h wedded to the temptation that the farm has becom the latter a myth. Yet th sands of farmhouses wo redeemed if only those w them would be contented plain living and an ov high thinking; in other common-sense, because in beats anything and everyt the so-called intelligents to mankind.

HOW MUCH HOU

(Continued from page 164)

go a long way toward providing greater luxury of appointments and of convenience equipment. Immediately we can use somewhat more expensive roofing and perhaps metal casement windows throughout. In fact we can spend approximately 20% more for each part of this house, because it is physically smaller than the larger house constructed on the 50 cent basis. This will give us hardwood floors throughout. It will allow for the more intricately textured and antiqued plaster finishes and for more decorative metal work. Lighting fixtures and hardware can be of a more expensive type and the finish and equipment of bathrooms and kitchens can be considerably better.

In connection with this method of approaching the homebuilding project, the fact is to be emp the desire for space mu the homebuilder into the p economy. The materials ment which are selected sh taken on a preliminary bas ness. Economy in homebu be found in the wise selec more simple types of mate all times there must exist a element of quality and otherwise, the original in largely wasted and the u will be much higher than builder can anticipate. Th that economy is sought i importance of selecting m equipment which will not i maintenance cost, parti points constantly subject t tear or to weather damag





WOULD A WATER GARDEN BE SUITABLE FOR YOUR HOME ?

This Beautiful Book Contains a Wealth of Suggestions for Garden Lovers

"I really feel embarrassed to have asked for a free copy of such a beautiful and expensive book. I expected to receive the usual advertising booklet. When it came today I was indeed surprised to find such a beautiful work of art. I feel that I should send the price, if you will let me know what it is."

Mrs. W. T. I. (Indiana)

- you have a modest home or an
e country estate, choosing the most
ate type of garden is a fascinating
iewhat puzzling task. Amid the
detailed suggestions now available
ere, it is refreshing to find a book
resents the fundamental principles
itfully artistic fashion.

in Gardens" is such a book. Each
l type of garden is shown at its
th illustrations of America's most
examples. Text by Roger B.
n, formerly associate editor
ntry Life, explains these creations of noted landscape architects. The classic beauty of the printing and binding, by William Edwin Rudge, lends added interest as you turn the pages.

"Beauty in Gardens" is not primarily a book on fence; one section deals with screening and fence protection in their proper places, as subordinate but essential features of landscape design. It is a book on garden planning — a genuine tribute to the genius of American landscape designers. 24 pages, size 9½ x 12 inches. Aquatone illustrations. Send 25 cents for your copy.



Cyclone Fence

1928

ONE FENCE COMPANY :: *Main Offices:* WAUKEGAN, I

Works and Offices: North Chicago, Ill.,

Distributors: Standard Fence C

Branches: Atlanta, Boston, B

Ford, Conn., Hoosier, Indiana

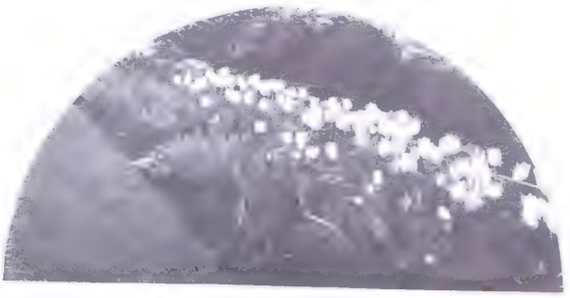
Mt. Vernon, N. Y., New O

GASOLINE

ELECTRIC

OWERS

NEWBURGH, N. Y., U. S. A.



The Serenity of the Tulip

lends gayety to the garden in May

With touches of color from a master palette ranging in tone from the most subtle pastels to the most vivid hues, their harmonious blending makes any May day a delight

Scheepers' Tulips Are Superior

Some gardeners are satisfied with "just tulips"; some, if they merely know the name of the variety they grow, others prefer the choice of the connoisseur - the most refined expression of tulip joy, the masterpieces of color and form.

Whether your taste is for the best of the older varieties, or the most modern creations of tulip aristocracy, you will find it satisfied in the 1928 edition of "Beauty from Bulbs", long recognized as a guide-book by those who prefer the best. Over a quarter-century's experience in selecting superior bulbs is back of every page.

Over a Hundred Highest Awards



John Scheepers, Inc.

Flowerbulb Specialists for a Quarter Century

Avenue

Allison Road th Street

Madison, New Jerse



Creeping Bent Grass is creeping on this ... Between the flagstones it makes an interesting display

CREEPING BENT GRA

The ... and development of ... Bent Grass ... turf ... ly ... but it ... to the landscape ... ... a new ... not only ... but of ... and even ... the ... of turf ... ly smooth, brown ... ... available masses of solid col... ... colors to ... shade. ... ... dense ... ... costly ex- ... possibilities

Prior to ... Dr. ... took up the study of grass as a turf in ... dog plant, there had been little or no work of ... the study of ... had been published ... and there ... as no method of identifying grass ... plants except by their flowers and ... the grass ... cold ... ... very few in- ... ... and dying the ... variety. Of course, to improve turf it was first necessary to know what kind of turf they were growing. The work was fortunately placed in charge of ... V. Piper, who was not only a great scientist but an ... and ingenious man. He started work by selecting pieces of turf from golf greens and carefully noting their characteristics. The ... ... taken to the greenhouses at Arlington and forced ... ...



The safe way to buy a lawn mower

In buying your lawn mower don't take chances. Use the same good judgment that you employed in selecting your piano or automobile. Get the lawn mower with a *time-tested reputation for dependability.* Later, you'll enjoy the consciousness of money well spent.

The reputation of Coldwell Lawn Mowers as the world's most dependable mowers dates back to 1867. More of them are sold every year than any other make. Advanced and exclusive features insure fine work. Freedom from repairs and long years of service make Coldwell easily the most economical of all lawn mowers. Four distinct types to choose from—hand, horse, gasoline and electric.

Write for interesting booklet, "Care of the Lawn."

SINCE 1867

COLDWELL

HAND — HORSE — GASOLINE — ELECTRIC

DEPENDABLE LAWN MOWERS

COLDWELL LAWN MOWER COMPANY, NEWBURGH, N. Y., U. S. A.

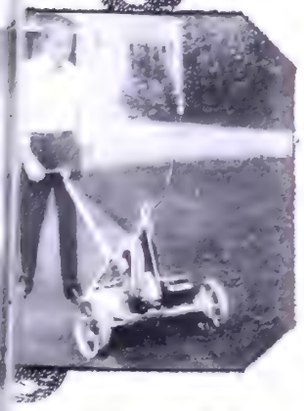
all-purpose mower for large areas

Coldwell Model "L" Motor Lawn Mower and Roller. Mows and rolls simultaneously. Cuts a 25-inch swath. With gang units attached cuts 60-inch swath, 10 acres a day, one gallon of gasoline. A fully guaranteed and dependable mower at reasonable price.

dependable hand mowers

...improved. New and exclusive ... make it supreme ... mowers. Timken ... oller Bearings. Cut- ... imp- ... Built ...





Now at a popular price ... Coldwell Electric Lawn Mower. The ... lawn mower that women *enjoy* operat- ... As easy to run as a vacuum cleaner. ... in on any electric outlet. Unsur- ... d for boulevard parkings. Booklet on ... st.



Saving Labor

on Thousands of Fine Lawns

THE IDEAL "Twenty" shown above is a small power mower for lawns of moderate area. It is the sturdiest small, low priced mower ever built. It does fast, clean work and makes a pleasant task out of what would be a hard job with hand mowers. A reliable mower built for years of service.

Four Sizes For All Requirements

For over 12 years Ideal Power Mowers have been caring for thousands of America's finest lawns. Today these dependable labor savers are built in four sizes in varying capacities to meet the exact requirements on lawns of every size and character.

The complete line includes wheel type mowers in 30" and 25" sizes and roller type mowers in 22" and 30" sizes.

Wheel type mowers are recommended for smaller areas, for lawns having steep inclines and for close work around trees, shrubbery, walks, drives, etc.

Roller type mowers are recommended for large open areas.

Frequent Rolling Valuable

On most lawns frequent light rolling is valuable as it helps to grow a healthy sward of fine grasses. Light rolling [illegible] lawn and [illegible] all fine leaved weeds early in spring.

The Ideal catalog will show you complete information, specifications, and recommendations for Lawns of various sizes and character. Copy of this new catalog gladly mailed upon request.

IDEAL POWER LAWN MOWER CO.
403 Kalamazoo St. Lansing, Mich.

IDEAL
POWER MOWERS

25 La[illegible] St.
New York, N. Y.

161 Vester St.
Detroit (Detroit), Mich.

21 W. [illegible] Ave.
Chicago, Ill.





Treat Roads and Drives With Solvay Now

Have Dustless Roads All Summer

PREVENT the formation of dust and you eliminate the need for combating it with sprinkling and cleaning. On road and playing surfaces dust can be easily and inexpensively prevented by the early application of Solvay Calcium Chloride.

Solvay is a natural dust preventive and surface binder. It produces a firm, compact, dustless surface and though perfectly harmless, prevents the growth of weeds. Write today for full information and Booklet 1357.

SOLVAY SALES CORPORATION
Alkalies and Chemical Products Manufactured by The Solvay Process Company
40 RECTOR STREET, NEW YORK

SOLVAY
CALCIUM
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Smart LINOLEUMS that will not "*SPOT*"

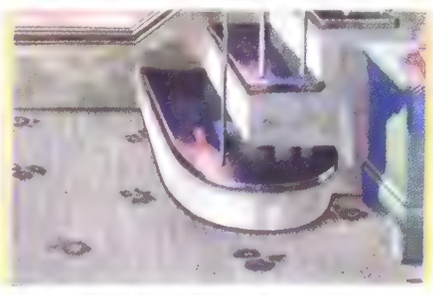
Yes, it's really true. You no longer need have any fear of spilled things leaving unsightly stains on your finest inlaid linoleum floors. Even in the kitchen where accidents just naturally happen, hot fats, fruit juices, ammonia, etc., can be readily removed without leaving a tell-tale spot or stain. Ink that has dried wipes off without a trace. The dirt from muddy feet cannot grind in.

What a comfort to have floors that a damp mop will clean quickly—*and keep clean*—floors of distinctive charm and colorful richness that are now so much in vogue. Genuine inlaid linoleum with colors going clear through to the sturdy burlap back.

Almost too good to be true, isn't it? Yet the ingenious *Sealex Process*, perfected by our laboratory, has answered at last the nation-wide demand for easily cleaned linoleum floors.

Unlike a surface coat or veneer, the effect of the *Sealex Process* is to *penetrate and seal* the tiny dirt-absorbing pores of the linoleum. The velvety richness of the colors is enhanced without a hint of gloss or slipperiness.

The striking new designs in Gold Seal Inlaid Linoleums enable you to follow the vogue for smart color underfoot, and at the same time enjoy for years the resilience, comfort and quiet which only genuine inlaid linoleum can provide.



Jaspé Inlaid Pattern No. 31-2

All Gold Seal Linoleums will be made by the *Sealex Process*. Besides inlaids like those shown, there are Plain, Battleship, two-tone Jaspé and Romanesq. All types offer the same exceptional value—guaranteed satisfaction at moderate cost.

CONGOLEUM-NAIRN INC.

General Offices: KEARNY, N. J. New York, Philadelphia, Chicago, Boston, San Francisco, Pittsburgh, Minneapolis, Kansas City, New Orleans, Dallas, Atlanta, Rio de Janeiro

NAIRN Gold Seal LINOLEUM SATISFACTION GUARANTEED OR YOUR MONEY BACK

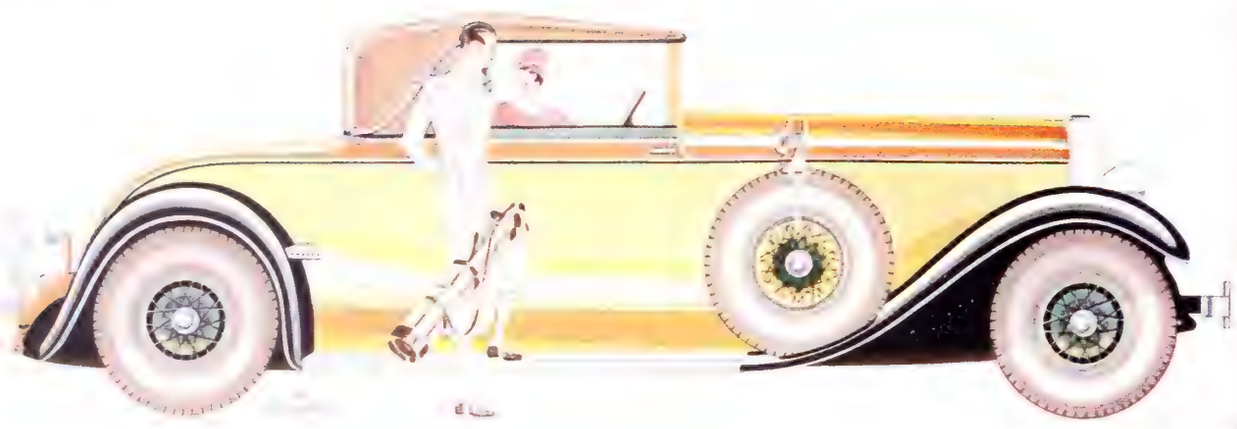
Soil-proof - Spot-proof - Easily cleaned

GOLD SEAL LINOLEUMS

FREE DECORATION BOOKLET. The valuable illustrated book on home decorating, *Creating a Charming Home*. It contains practical suggestions and an inexpensive Color Scheme Selector to help you plan up-to-date interiors based on the latest ideas in the use of color. Address Congoleum-Nairn Inc., Kearny, N. J.



Address



America's most artistic expression of the Motor Mode

WHEN a motor car becomes strictly expressive of the mode—possesses that indefinable atmosphere called style and arbitrators of fashion place their discriminating endorsement upon it—a buying trend is immediately established.

In Europe, Knight-motored cars are almost invariably chosen by such discerning motorists. In America, the De Luxe Stearns-Knight enjoys a similar acceptance among the connoisseurs of fine motor cars.

The masterful design of Stearns coachwork—the artistry with which this design is executed—win the instant admiration of the most critical—the most fastidious. An arresting grace of line, a deftness in the arrangement of interior appointments, a unity of craftsmanship, combine with superb performance to make the De Luxe Stearns-Knight the criterion of American automobiles.

It is to be expected that Stearns, pioneer of the Knight engine in this country, should now offer an eight-cylinder Knight motor, and, complementing this supreme sleeve-valve engine, a Worm Drive Rear Axle—thus effecting a power transmission unit which is unsurpassed and which cannot be obtained in any other American car.

A demonstration reveals the secret of Stearns-Knight supremacy. Arrange for one this week.

STEARNS-KNIGHT SALES CORPORATION, CLEVELAND

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Stearns-Knight

Motor Cars of Quality



acobsen
Acre Heavy Duty
wer Lawn Mower

is well-known Jacobsen Mower fast and clean. Its [illegible] construction makes it simple to [illegible] and gives it unusual [illegible]. Year after year this costs [illegible] and labor that makes the power t highly profitable.

he riding cart, which is easily at- [illegible] changes it from a walking r mower to a riding mower. The motive differential makes steering sy and accurate that clipping s about flower-beds and other ob- ctions is easily done. It always clean because the knives are [illegible] harpened by the [illegible] er.

Enclosed Gear Drive

[illegible] mission gears. The housing is oil-tight and the gears run in [illegible] wear. Compare this [illegible] other power mowers. Chain and sprocket [illegible] power mowers? Decide [illegible] the only gear-driven [illegible]

The "Estate" Model for Creeping Bent Lawns



his mower is designed specially for the fine lawns of private [illegible]. The special [illegible] enables it to cut on creeping bent and other fine grasses. It is an [illegible]ptation of our famous putting green mower and the cut [illegible] be adjusted to the fineness of a putting green shave it [illegible]red. Being driven by large rollers, it protects the most [illegible]cate turf and at the same time provides the rolling so [illegible]eficial to the lawn, especially creeping bent.

There is a type of Jacobsen [illegible] for every [illegible] grounds. Consult our [illegible] headquarters [illegible]. Demonstration [illegible] grounds without obligation. Write for literature.

JACOBSEN MFG. CO.
Dept. A, Racine, Wisconsin
New York Office: 245 W. 55th St.



Quick Death

To cutworms, snails, slugs, earwigs, sowbugs, grasshoppers.

New, scientific method stops garden damage. Water doesn't harm it and it doesn't harm the plants.

Protect your [illegible] now [illegible] cutworms, snails, slugs, earwigs, sowbugs, and grasshoppers. These pests, authorities say, annually destroy millions of dollars worth of plants, vegetation [illegible] and prosperity. They are [illegible] thoughts, too.

Unless you [illegible] their presence you may wonder why your [illegible] refuse to grow.

Don't blame your seed dealer for [illegible]. Use Snarol instead. This is a scientific, ready-prepared meal that you simply broadcast [illegible] about the plants, flowers and shrubs. The pests eat this [illegible] and are destroyed.

Unlike old-time methods, Snarol is non-injurious to plants and shrubs when used according to simple directions. It [illegible] attract [illegible] eat the pests that eat it. Also Snarol does not harden [illegible] water [illegible] it works best when [illegible] a time that [illegible] use where rain and sprinkling cause wet garden conditions.

Thousands of home owners, institutions and truck gardeners say that Snarol is the most effective method they know. They use it not only to stop garden damage but to destroy [illegible] pests as well.

For sale at seed stores, hardware dealers and many leading drug stores in convenient [illegible] packages. Small [illegible] lb. and 3 lb. packages—15 lb. bags.

Act today or write for free 24-page booklet on Pest Control and name of your dealer.

Stop Ants

Antrol, a companion product to Snarol, destroys Argentine and other sweet eating ants. These ants infest homes and also spread aphis, scale and mealy bug on the plants and trees of your garden. *Not a paste or powder* but a complete system of tiny glass jars which you fill with Antrol syrup. These jars then stand "on guard" like sentinels. This new method destroys the entire ant colony, gives permanent protection and is *safe* to use around children or pets. Ask your dealer or write us for details.

Use Antrol

Snarol
The National Garden Pest Control

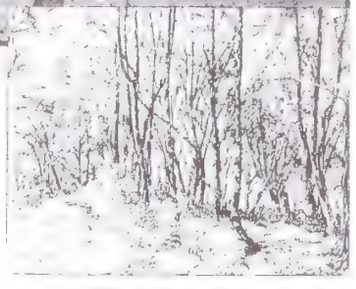
Manufactured by the
Antrol Laboratories, Inc.
651-653 Imperial Street
Los Angeles, Calif.

Antrol Laboratories, Inc., [illegible]
651 Imperial St., Los Angeles, Calif.

Gentlemen: Please send [illegible] page booklet on Pest Control, together with the name of a dealer in this city who handles your products.

NAME
STREET
CITY STATE
I am interested [illegible] Antrol [illegible]





Improvement cutting—originated by Bartlett

This [illegible] harmful [illegible] for more such natural vistas when their handling is entrusted to those scientifically trained and equipped as are the Bartlett Associates. Their improvement cutting, originated by Bartlett [illegible] method of tree improvement to select, remove where necessary, replace if desirable and replant with complemental shrubbery and decorative smaller trees, while retaining the natural beauty of the original setting. Such is no layman's task but one that requires the fullest scientific knowledge combined with the trained instinct of the professional tree expert.

Because of their 26 years' specialization in the increasingly important science of tree hygiene and surgery, the Bartlett Associates are peculiarly equipped to advise on similar problems of tree arrangement and grouping as well as of maintenance in sound health and beauty of your trees. When you consult Bartlett Associates, you get the benefit of the combined scientific knowledge and long practice of a group including some of the country's leading authorities in tree health and protection. For an appointment address your nearest Bartlett Associate, or Stamford. Write for booklets "The Bartlett Way Through Scientific Lenses", and "Add[illegible]

The F. A. Bartlett Tree Expert Co., Stamford, Conn. Branches: Philadelphia, Chicago, Boston, Albany, N. Y., Danbury, Conn., Syracuse, N. Y., Charlotte, N. C., Orange, N. J., White Plains, N. Y., Westbury, L. I., Wilmington, Del.

The F. A. BARTLETT TREE EXPERT COMPANY

Operating [illegible] directors [illegible]

SPOTLIGHTS ON THE DAH

(Continued from page 124)

[illegible] suitable background, such as evergreens. Tango Century, a peculiar salmon-orange, is one of the most unique in color in this class.

Among the smaller or English Single Dahlias which are now usually listed with the Centuries, there are several oldtimers which merit at least a trial in every garden. My own favorite among these is St. George. The plants are compact growing but not too dense, three feet or so high, and are literally covered with Daisy-like, pure lemon colored flowers which are a constant source of delight both in the garden and indoors. If there is any Dahlia which can outflower St. George it is Jack, a bright [illegible] and a good one to go with it, if they are not planted too close together. Peacock is a velvety maroon with a white tip on each petal, not only striking, but also very attractive. Apple Blossom is a good pink with carmine crimson shading. All of these are oldtimers and, although you may not find them in the first catalog or two you look through, they are well worth hunting up. You can get the four of them for a dollar or so.

NEWPORT TRIUMPH

A new Single which I would class as one of the finest introductions of any type in recent years is Newport Triumph. It is a large starry Single with slightly frilled petals of a most beautiful shade of pink. This variety is so delightful, so exquisite, as a cut flower, that I do not see how it can fail to strike down some of the existing prejudice against the Singles; and it should make a place for itself as a florist's cut flower. It was awarded a prize as the best flower for cutting at the last National Dahlia Show. The bulbs listed last spring for two dollars, but it is certainly worth several times that in comparison with many others, which bring ten or fifteen dollars.

A few years ago the Coltness Gem Hybrids made quite a stir in England, as the result of their perfect form and clear, pure self colors, ranging through various shades of pink, yellow and red, and also in white, lavender and maroon. They have since been offered in this country under such names as Mignon Dwarf Bedding and Peter Pan, but whatever their appelations they are certainly an acquisition. They attain a height of about a foot and a half, and should be planted about the same distance apart. Some named varieties and separate colors are available. A few growers claim that in some sections they do not do well. I do not know why they should not succeed wherever our ordinary Decorative Dahlias do, but time alone will tell that. As they can be had for twenty-five cents or so, they are at least worth trying anywhere.

Still another distinct type of the Singles are the Star Dahlias; they are of real star shape, the petals being pointed, and are very brilliantly colored.

The little Pompon Dahlias, while they are still far behind the giant flowered sorts in point of demand, during recent years have undoubtedly gained in popularity mor[illegible] than any other type. At the sh[illegible] see people interested in them[illegible] ing notes. Every year they[illegible] more prizes in the classes[illegible] flower arrangement; and so[illegible] they are being given a lit[illegible] attention in the catalogs.

Perhaps the adjective w[illegible] describes the general effect[illegible] Pompons is "quaint". Surely[illegible] long in every old fashioned[illegible] The varieties are quite num[illegible] though with the exception of[illegible] four you will hardly find[illegible] one in any two catalogs. T[illegible] who like to make collections[illegible] ties the Pompons offer a very[illegible] opportunity; they can be had[illegible] twenty-five to fifty cents a[illegible] one need spend but a few[illegible] get all that are available. T[illegible] living rooms may be decora[illegible] such charming vases and[illegible] the cut blooms as the lovely[illegible] of Mrs. Sarah W. Ward,[illegible] port, Conn., one of which c[illegible] the first prize for the[illegible] Display at the last Nation[illegible] Sunbeam, a rich crimson; Su[illegible] break, apricot, shaded crim[illegible] Sunset, shades of orange, ar[illegible] the most attractive. Joe[illegible] Snowclad are two of the fin[illegible] Darkest-of-all, a deep[illegible] makes a splendid comp[illegible] either of these in the garde[illegible] bouquet. Bacchus is a very[illegible] crimson. Among the pinks, j[illegible] perhaps the finest; Belle of[illegible] field is a soft rose; and[illegible] pale pink shading to primr[illegible] is a clear yellow, and Jes[illegible] amber shaded cerise.

LITTLE JEWEL

A quite distinct new type[illegible] has been presented in the va[illegible] Jewel; this is cataloged as[illegible] although it really is not a l[illegible] all, but a miniature Decora[illegible] fairly flat, open flowers o[illegible] Decorative type, whereas[illegible] pons have miniature flowe[illegible] old Ball or Show type, us[illegible] siderably less than two[illegible] diameter. Little Jewel is a[illegible] pink, quite deep at the cen[illegible] to apple-blossom at the ou[illegible] This variety won the pri[illegible] most attractive centerpiece[illegible] National Show. It is equally[illegible] ever, in the garden border.[illegible] that there will be other co[illegible] type added in the future;[illegible] will certainly be a great[illegible]

The Collarette type is so[illegible] a freak among Dahlias, bu[illegible] out decorative beauty of its[illegible] suitable conditions. Its b[illegible] petals are like those of a[illegible] around the center of the[illegible] is a "collar", usually i[illegible] twisted and of a sharply[illegible] color. If you have never[illegible] of this type, try one or tw[illegible] Rivoire, a deep red with w[illegible] and Dainty, a soft carmi[illegible] a primrose yellow colla[illegible] good ones to start with.

The Peony-flowered [illegible] has always seemed to me[illegible]

(Continued on pag[illegible]



SPRALAWN

Installation Without Damage

SPRALAWN with its life giving rain-mist, is dedicated to the purpose of keeping lawns and shrubbery green and beautiful. Its method of installation is consistent with its ultimate purpose.

The work is planned so that only as many units are started each morning as can be completed by night. A burlap sheet is laid beside the line of trench. Sod is cut clean and piled on the canvas together with the material from trenching. As soon as the pipe is connected, the trench is closed and the sod replaced and tamped. In a few days the only visible mark of Spralawn* is fairer, thicker, greener lawns from its use.

Uniform rain-mist always yields thick turf, strong shrubbery and brilliant flowers. They are yours for the entire season for Spralawn* gives "Rain at Your Command."

Let us send you a descriptive booklet.

MUNZ SPRALAWN CORPORATION
General Motors Building, Detroit, Michigan

*Registered U. S. Pat. Off.

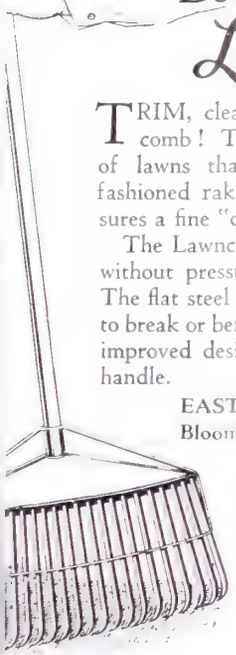


So easy to keep your *Lawn Beautiful* with a *Lawncomb*

TRIM, clean, full-bodied lawns with a Lawncomb! This simple remedy ends the problem of lawns that become pock-marked from old-fashioned rakes. Regular use of a Lawncomb assures a fine "dressed up" lawn.

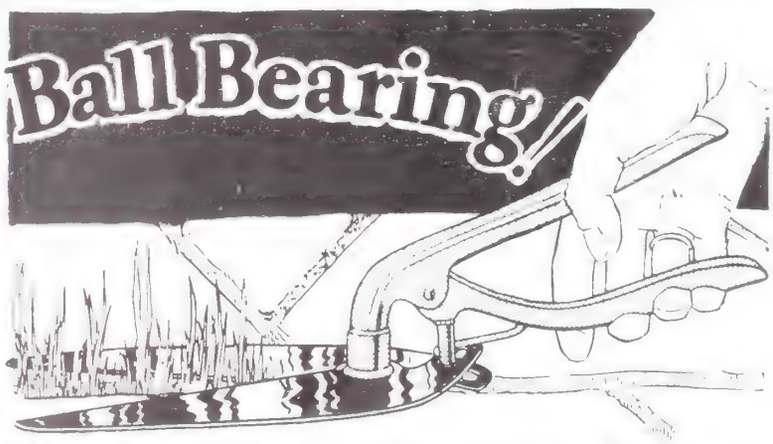
The Lawncomb treats the lawn with kid gloves, without pressure, without injury to tender grass. The flat steel tines are flexible, and guaranteed not to break or bend. A light, sturdy accessory of new, improved design . . . easy enough for a child to handle.

EASTERN TOOL & MFG. CO.
Bloomfield · New Jersey



$1.25

If your dealer does not yet sell the Lawncomb send us $1.25 and we will send you one express prepaid



Blades Flat—Fingers Free—

Here are Grass Shears Made to Cut Grass!

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THE GARDENS of old never beckoned a more graceful gesture to captivate the favor of those who behold it than does Mettowee Stone offer the modern landscape gardener.

Alluring treatments, in variegated colors, designed to afford the informal, reposeful atmosphere so fervently sought by all who love their garden can now be realized.

Have your dealer show you samples, or if preferred we will see that our nearest dealer gives you full information.

VENDOR SLATE CO. Inc.
EASTON PENNSYLVANIA

SPOTLIGHTS ON THE DAH

(Continued from page 204)

very much underrated. For some reason they simply have not [illegible], although some of the new Decoratives which have proved popular get very near the Peony type, which is semi- or three-quarters-double with irregularly arranged and somewhat twisted petals. Rosalia Styles, clear pink with lighter shadings; and Coppersmith, a light coppery bronze with a burnished effect, are two of [illegible] Prince Edward, a beautiful clear golden yellow with globular flowers borne well above the heavy, distinct, dark green foliage, is particularly fine both for cutting [illegible] the flower border. Mrs. Paul Aubrey is a Peony with a Chrysanthemum like center—entirely distinct in form, and a fine mauve-[illegible] in color.

Some of the Decorative and Hybrid-cactus varieties are especially good for the garden at the back of other flowers, where the stakes will not be obvious. So handled as to make a tall growth, and without too much disbudding so that the flowers will bear themselves gracefully, they are a fine addition to the border.

[illegible]

One of the finest Decoratives for the garden I have ever come across [illegible] Extremely tall and upright in habit of growth, it holds its golden blooms aloft like yellow lanterns in the late fall border. Still taller, ten or twelve [illegible] Altemont, a dark cerise, strikingly effective against any suitable background. Jersey's Beauty—unquestionably the finest Dahlia introduced in many years—is splendid in the garden, attaining a height of six feet or so, blooming freely, and with its distinct Mahonia-like foliage an added attraction. Riverton Beacon, a rich, carmine-shaded gold, is excellent. [illegible] white, and El Granada, orange shaded golden yellow, are two superb Hybrid-cactus sorts which show up well. Lotus, while listed as a Decorative, is of distinct Waterlily-like form, and of an iridescent orange shade; it is unique and unusually beautiful. A few of the older sorts of merit for the garden are Pierrot, amber, tipped white; Springfield, an improved Countess of Lonsdale; Papillon, old rose; Jean Chazot (Gay Paree), old gold and crimson.

And here are some newer Decoratives and Hybrid-cactus sorts for cut [illegible]—to a few of the innumerable splendid new ones:

Elite Glory—my note on which is, "the quintessence of gorgeousness." It is a brilliant red, darker at the center, a giant both in flower and in habit of growth; if you want the most spectacular, try this. Watchung Sunrise, one of the largest and most striking exhibited at the last National Show, and a "sunrise" in color. Jane Cowl, winner of several prizes and a really splendid sort—an enormous, informal Hybrid-show, salmon-orange and old gold. Trentonian, an unusual brownish shade. Ft. W. a unique, dark wine color Connicott, a huge, pure lemo and Ft. Monmouth, an imm raggedy Hybrid-cactus.

Among the lavenders, bea never very popular, are Gov. Trumbull and Violet which won the American I ciety's special gold medal; Model, to me seems the love yet achieved in this colo Eagle is distinct among all shades—a burnished by gold unlike all others. Salba is a beauty and especially le combined with any of the [illegible] U. S. A. and Je the queen of them all, are known, but if by any char not possess them, put the head of your list.

Despite what may be of the Dahlia critics many, the Dahl of all flowers to grow. It [illegible] those who [illegible] [illegible]ers, I think, b[illegible] too much [illegible]ding, p[illegible] the way of too rich fo[illegible] more [illegible]ously, feed [illegible] nitrogen).

Dahlias need, first of al dance of sun and air. A w[illegible] [illegible]s preferable, plants are often grown in if it is well drained. Dahli tender, and like a d[illegible] pared soil. Plenty of bon [illegible] amount [illegible] dried blood, with [illegible] ashes, make a safe and wo[illegible] dust. I buy always [illegible] particularly recommend that [illegible] duced will be firmer and [illegible] quality [illegible] those [illegible] a diet high in nitrogen, a[illegible] will be [illegible] and I will [illegible] Dahlias do not like a stiff [illegible] cakes after rain. If there [illegible] of humus in the soil, eithe[illegible] the use of well rotted [illegible] with humus or granulated [illegible] Above all, keep the grou[illegible] fairly deeply cultivated a[illegible]

GARDEN CULTU[illegible]

For garden culture, wh[illegible] are but a few inches high[illegible] but one or two of the stro[illegible] [illegible] the top of [illegible] back near the ground. I [illegible] the growth of th[illegible] and a low, sturdy bush [illegible] will [illegible] It [illegible] stakes a[illegible] keep the plants tied up as [illegible] A satisfactory job can ne[illegible] by letting the plants wa[illegible] begin to sag over, and the[illegible] to straighten them up.

A final word of inte[illegible] to those who would like [illegible] Single Dahlias, is this: th[illegible] grown from seed. Seve[illegible] types of seed are avail[illegible] planted either under gla[illegible] early in the open, they wi[illegible] that will bloom freely th[illegible] They are no more diffi[illegible] than most of the annua[illegible] than many perennials.



No. 611
Bird Bath, 23 inches
$31.50

Bird Bath, 24 inches
$21.00

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Sprinkling Systems



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BUY NOW AND SAVE 25%

Until July 15th—not later

Following our practice of the past few years we are again making a very special offer on the following Darwin, Breeder and Cottage Tulips and [illegible] color scheme for border planting. Many home gardens may be laid with this class of Tulips. Combinations [illegible] are frequently used in the better gardens to attain certain desired color effects. We believe, however, after many years of planning some of the finest garden displays of these Tulips in America, that they are seen to [illegible] with a definite color scheme in mind. Our Advance Bulb Catalog [illegible] Tulip Family, but we recommend the following Special Border Collection and suggest that they be planted in the order given.

TEN FINE VARIETIES

Rose and Carmine	100	$8.00
Purple	50	3.50
Bronze	100	8.00
Dream	100	8.00
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Special Collection Offer

10 Bulbs	$ .60
25 Bulbs	1.25
50 Bulbs	2.40
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Terms: 30 days net. Orders amounting to $10 or more sent prepaid at 1916 prices.

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One of the Largest Seed Houses in the World for Discriminating Buyers

Established 1879

30-32 Barclay Street, New York

Branch Stores in [illegible]

CREEPING BENT GRA

(*Continued from page* 198)

without the realization that a seeded golf green or seeded lawn is a melange of color. Only when they saw perfectly uniform turf, a single mass of one shade of green, did they realize how beautiful a thing turf could be.

Unfortunately, the strains that were adapted for use on golf greens were not particularly desirable as lawn grass. Those that made the best putting surface would become coarse and [illegible] under ordinary lawn care. They required daily mowing and frequent top dressing to ensure good appearance. The Department has not made any specific selections for lawn [illegible] although one of their selections, the so-called Vermont strain, is a very [illegible].

DIFFERENT TYPES

There are, however, literally hundreds of strains to choose from that are suitable for lawns and will maintain their loveliness under ordinary lawn care. Much work has been done and is being done along this line and several strains are now commercially available. In general, it may be said that [illegible] which have a tendency to send their leaves directly upward, and to turn the end of the culm or seed stem upward also, are best suited for lawns. However, the selection of this strain is not quite as [illegible] as it may sound, as many of the strains have seasonal habits which [illegible] desirable. For instance, some strains are very slow in greening [illegible], others will never [illegible] brown during July and August [illegible] subject to plant disease and others lose their beauty at [illegible]. They must be kept under observation in actual lawn use [illegible] before it is marketed.

The chief difference between Creeping Bent and other turf grasses is due to the fact that Creeping Bent has [illegible] habit and has learned to propagate itself by [illegible] which take root at the joints and produce new plants. The tendency of Blue Grass, for instance, is to establish a single individual, fighting adjacent grass plants for room and space so that it may produce healthy seed. Creeping Bent, on the contrary, is engaged in constant struggle to produce as many individual plants as the ground will support. The consequence is, under normal conditions, that the Blue Grass grows in a series of tufts with more or less empty space between, depending upon the richness of the soil, while Creeping Bent will set its plants just as closely together as possible. The open spaces natural in Blue Grass turf between the tufts are convenient for weed invasion, while the close growing Creeping Bent will tolerate very few weeds. It is commonly found that Creeping Bents in old lawns are practically weedless, while adjacent turf which has not yet been conquered is fairly alive with common weeds.

The Vermont strain, a Government selection which is a beautiful bright emerald green, and which is the strain shown in the illustration, seems to be the best selection so far for turf work. It is decidedly u[nder] its habit of growth. Both th[e] and ends of the stolons or [illegible] will stand practically verti[cal] in a nursery row. It is somew[hat] er in spreading than most of t[he] Bents, but it keeps its color fr[om] spring until late fall. The[y] forms is about three times as [fine] the ordinary Blue Grass. It is [of] soft, velvety texture and is [ideal] with the household lawn m[ower] needs cutting no oftener [than] Grass.

It is almost an axiom that [the] the soil, the better the turf. [The] sturdiness of Creeping Bent [will] many liberties which would [be] with any of the other [grasses]. general, it may be said that [any] the acid type soil of a loamy [sand] loam consistency. In the [case] steps, edges of swimming [pools] other places where it is de[sired] have the soil drain quickly a[nd] it may be grown on a soil [that] sandy indeed if it is give[n] more attention in watering [and] tilizing. On the ordinary [clay] faces it may be said that [any] agricultural soil will grow [a] tory turf of Creeping Ben[t].

Where its use is indicated [for] effects, the two colors selec[ted] be very similar in their [habit] growth. A planting of W[hite] and Vermont together in a [mix]nation would most [certainly] failure. They require diff[erent] and would present an [untidy] ent appearance. However, [the] and Metropolitan might [be] combination, as they are [closely] in their care, requirements [and] ture to present the same [color] surface to the eye. These str[ains] only be used where they [will] frequent top dressing and a[ccurate] cutting with a putting gr[een] Under this type of care t[hey] an extremely formal app[earance] effect being flat and table-[like] trast to the deep, cushi[ony] effects to be expected whe[n] the Vermont type are used[. It] ble to obtain a good color [with] both types. In order to [prevent] different strains of Bent [from] on each other where they [are] contrast, all that is necessa[ry] a strip of sheet metal [or] inches into the ground at [the] line. The metal need not [be] quarter of an inch above [the] face, and it may be necessa[ry] knife along the strip [a] month in order to cut [off] runners that may be encr[oaching].

FOR WALKS AND TE

Probably the most us[eful] which this grass will serv[e] joint filler between flagst[one] walks and terraces. Wh[ere] are used, it will be eas[y] more soil than was the [case] concrete walk shown in [the] tion, and the grass woul[d] combat the effects of [the] radiated by concrete. [Its] growth habit produces [a]

(*Continued on p*



Note below, the differ... in the shadow cast by the Lutton Steel V-Bar in one part... with the ordinary wooden bar. This is a fac... tor of great importance in the reduction of shadow.





V-BAR Greenhouses
e Fast Growers

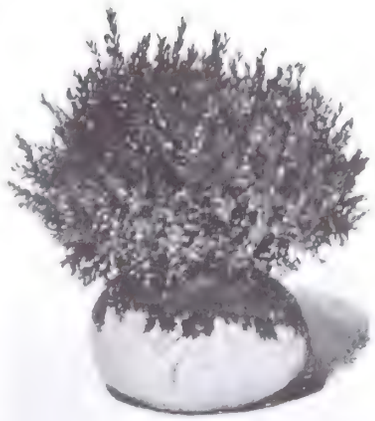
inside a greenhouse you are
nlight pouring in . . . and no
adows are there, as every grower
s sunshine is the fundamental
's, it is the task of the green-
o minimize this shadow.

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y, that the Lutton V-Bar Green-
producers and fast growers.

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This is only one of the many fine specimen evergreens in our nursery. Some are dwarf and slow growers, others tall and anxious to shoot up. They transplant readily because they are used to it! They all have fine rich color and full foliage because we've fed them well.

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Always Buy *Good* Nursery Stock

'all ock Plants

't plant them in May,
e to wait till Octo-
whole summer lost.



owdrops appear, spring is
ery illustrated is Galanthus
h larger flowering sort
ty Nivalis, usually offered.

AFTER that friendly warning about planting your rock plants, now a word on Dutch bulbs.

Of course you can't plant them *until* fall.

But there is a distinct advantage in ordering them *now*. Ordering early, before July 15th, is the surest way of getting every variety, in the top notch quality you want.

Furthermore, there are the bulbs for your rock garden, that means a very definite knowledge of what to use. In that new catatog of ours you'll find that sort of information.

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stream from the hose nozzle—injuring almost as much as it

mist which gathers the nutritious minerals from the air and

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UNDERGROUND SPRINKLING SYSTEM
A Lawn Often Seed in 10 Days



Cool and fresh from last-year materials, [illegible] from a gate [illegible] plan from the corner

MAKING A SUN RO

I HAVE [illegible] about to see what could be done for my gardening complex and order[illegible] menced to take stock of the possi- arrangement. First among my assets, I [illegible] sunny, sheltered southeast corner of the porch cried out for glass but, being [illegible] while without more breadth. So I took the problem to my husband.

[illegible] expensive to build, but my plants would freeze without it, and how was I going to make it wider, anyway, without having it stick out like a sore thumb and spoil the looks of the outside of the house? I wanted my addition to have a glass roof. Well, it would leak, it would break, it couldn't be heated, unless we had steam heat with which to add a radiator, which we had not.

[illegible] would [illegible] eighty panes of glass in a [illegible] wonderful test for the develo[illegible] and a terrible temp[illegible] than inte[illegible] vocabulary.

However, we moved sl[illegible] ly through various vi[illegible] and to the successful comp[illegible] this room, twelve feet squar[illegible] door from the living [illegible] has proved to be perfectly w[illegible] and draught-proof. A small[illegible] [illegible] it adequ[illegible] the plants have thrived wo[illegible] The difference between [illegible] down and what is to all [illegible] purposes a small greenh[illegible] than one expects, for even [illegible] of glass roof makes [illegible] would [illegible] to [illegible] the water in sunny w[illegible] about [illegible]

I brought in from the [illegible] the fall Petunias, Ageratu[illegible] ana, Cynoglossum (Chine[illegible] me-not), and of course Ge[illegible] Begonia, which have kep[illegible] full of bloom all winter. [illegible] and [illegible] frames ar[illegible] [illegible] of [illegible] I have [illegible] which is trained English[illegible] simple hanging baskets [illegible] various trailing vines, h[illegible] middle of each window.

[illegible] from the [illegible] we have [illegible] the sash [illegible] which are removable, a[illegible] which rolls down over t[illegible] thus making an extra [illegible] so that the room is [illegible] a delightful addition [illegible]

If you are a flower l[illegible] to work with growing [illegible] the winter months, even [illegible] cultures present themsel[illegible] severance and imagina[illegible] realize your dreams an[illegible] factory indoor garden.

—Almy Rond[illegible]





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First of all, Davey Tree Surgeons diagnose each case—determine what is wrong, if anything. They are especially trained in the diagnosis of tree troubles. If a tree is starving, they feed it in the right way, with the right food elements, at the right time.

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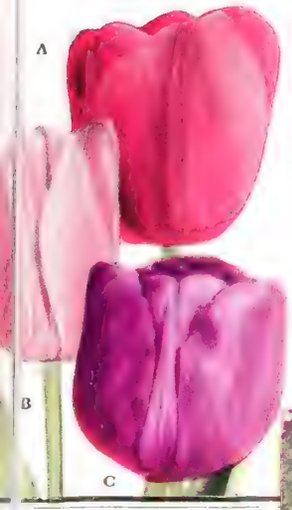
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AN URN or a bird-bath of beautiful Graystone will add a fresh element of beauty to your garden, yet seem to have lived years there. Its mellow gray blends at once with sky and leaves. Graystone is the garden pottery of Weller Ware. It is often pure Greek in effect. Its appearance suggests great price. Yet it is never expensive. Place an urn or a vase near a flight of steps or a low wall. Arrange an urn of vines where a hard place in the garden precludes planting. There are pedestals for sun-dials, child figures, footed jars. Weller Ware offers also a rich variety of colored art pottery and distinctive kitchen ware. Paula Morgan, authority on garden and home decoration, will give free advice regarding any decorative need. Write her in care of The Weller Potteries, Zanesville, Ohio.

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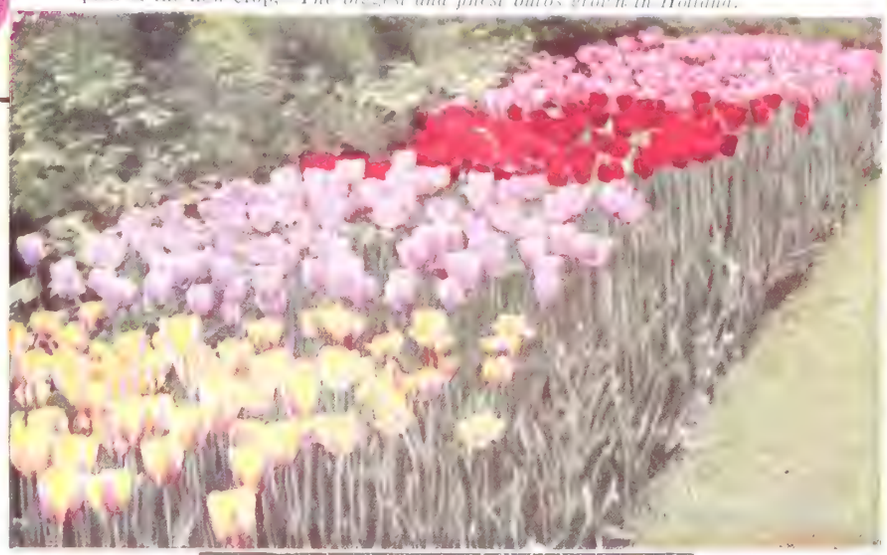
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(as shown above)

( ) Prince of the Netherlands, per 100 $6.00
( ) Massenet, per 100 8.00
( ) Wally Moes, per 100 6.00

bulbs each, 3 varieties, 36 in all $2.50
bulbs each, 3 varieties, 75 in all 5.00
bulbs each, 3 varieties, 150 in all 9.50
bulbs each, 3 varieties, 300 in all 18.00

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for the connoisseur

(K) Nectar, per 100 $12.00
(L) Ideal, per 100 6.00
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12 bulbs each, 3 varieties, 36 in all $1.00
25 bulbs each, 3 varieties, 75 in all 2.50
50 bulbs each, 3 varieties, 150 in all 4.50
100 bulbs each, 3 varieties, 300 in all 8.00

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Eight glorious collections, each a wonderful value—*if you order NOW!*

( ) ***Single Early Tulips*** in 10 named varieties. Bloom in April and early May $ 5.00
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100 of these Lovely Spring Beauties 25 each of the following 6 named varieties for only . . . $6.00

Snowdrops—Glory of the Snow (blue)—Heavenly blue Grape Hyacinths—Blue Squills (Scilla Sibirica)—Blue Bells (Scilla Campanulata)—White Blue Bells—Wood Hyacinths (Scilla Nutans)—Winter Aconites.

Cash Discount of 5%

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CAUTION

These prices good to July 1st—no later

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(As pictured above from left to right)

Stately Darwins and wonderful Breeder or Art Tulips—a glorious symphony of color.

Jaune d'Oeuf. (Breeder) A lovely [illegible] with [illegible]	D	100	1,000
Rev. H. Ewbank. (Darwin) A [illegible] flower of lovely shape	65¢	4.00	38.00
Mr. Farncombe Sanders (Darwin) [illegible] Darwins	50¢	3.50	33.00
Baronne de la Tonnaye. (Darwin) [illegible] blush-pink at edges. Flower of [illegible]	50¢	3.50	33.00

VERY SPECIAL Collection Prices

1 doz. each of the above 4 varieties (48 bulbs) $ 2.25
[illegible] (100 bulbs) 4.50
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1,000 each of the above 4 varieties (4,000 bulbs) 155.00

A Most Remarkable Offer

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Choicest, first size bulbs, sure to bloom. Schling's Special Mixture made up especially for us from ten of the finest named varieties—not at all the ordinary field-grown mixture usually sold. A $6.00 value for only $2.50.

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Our Old Dominion Collection in choicest mixture of airy and medium Trumpets, short cupped and lovely Poet's varieties. All first quality bulbs grown in Virginia where their culture has flourished since Colonial days. These bulbs, being native, are fully acclimatized and none better can be grown anywhere. The supply will not equal the demand. Order at once.

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(N) Lucifer, per 100 $12.00
(O) King Alfred, per 100 20.00
(P) Giant, per 100 20.00

12 bulbs each, 3 varieties, 36 in all $ 6.50
25 bulbs each, 3 varieties, 75 in all 12.00
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This spring you can transform your yard into a secluded haven of loveliness, at surprisingly small cost, with Dubois

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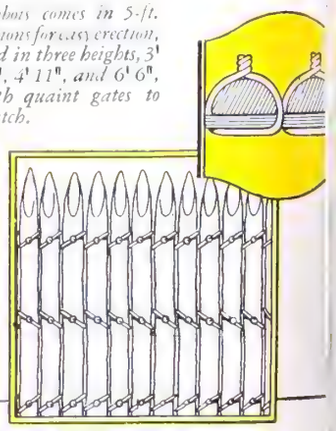
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Made in France

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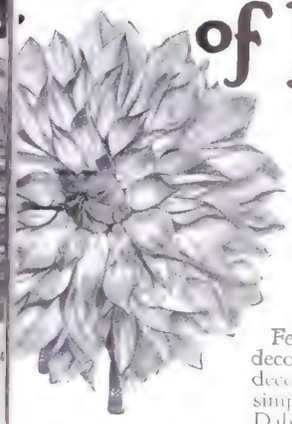
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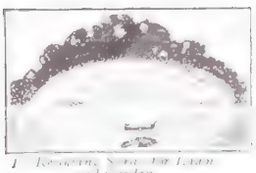
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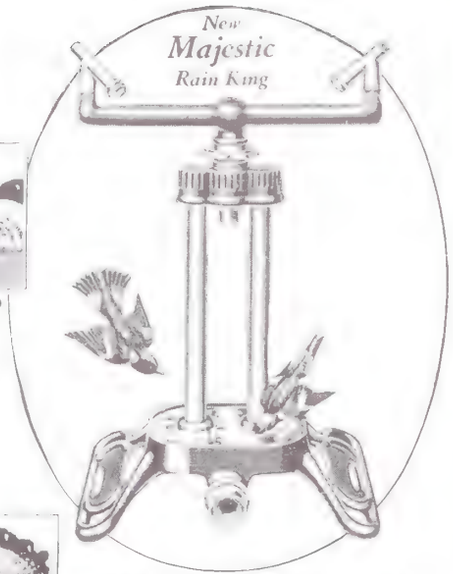


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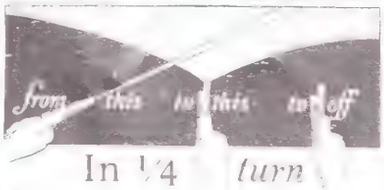
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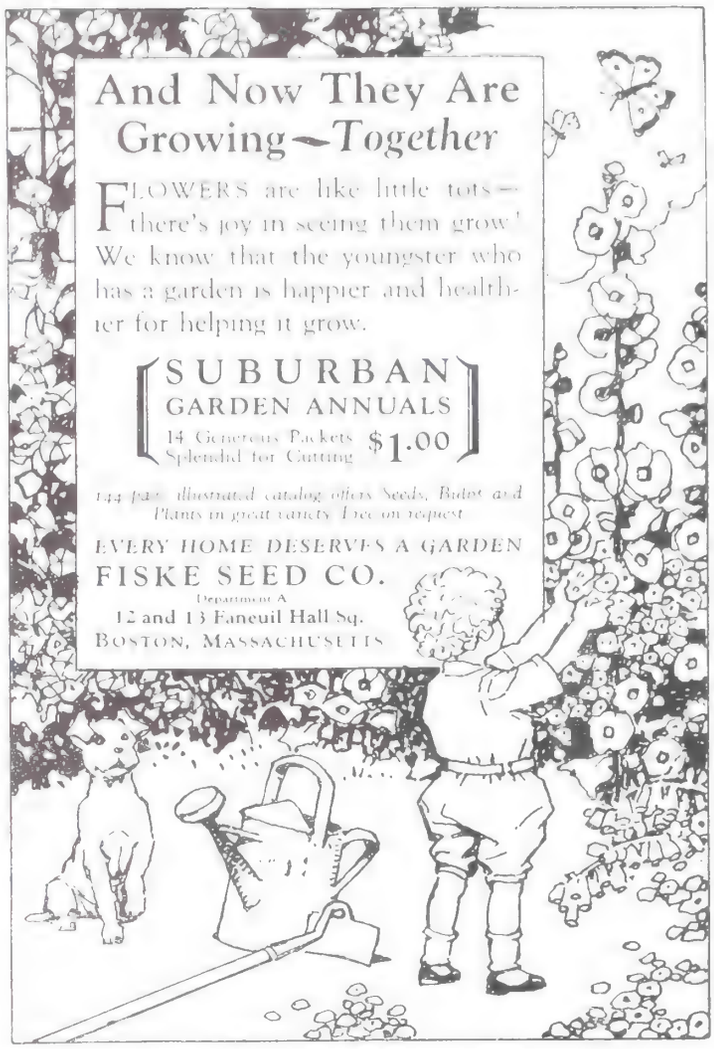
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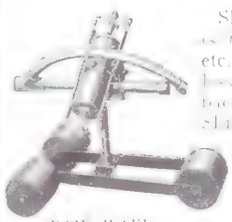
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... the main axis of the formal pool it is often ... specimen plants in well de... pots ...



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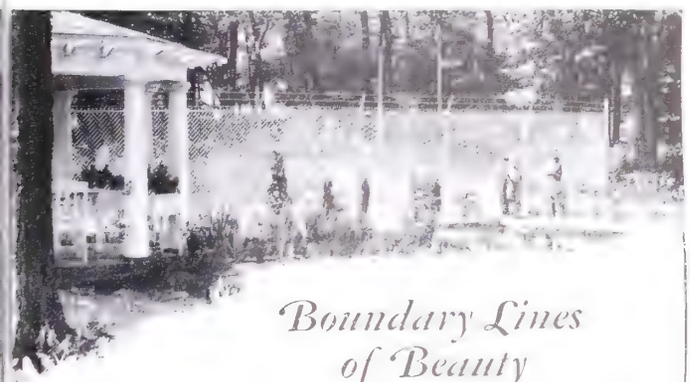
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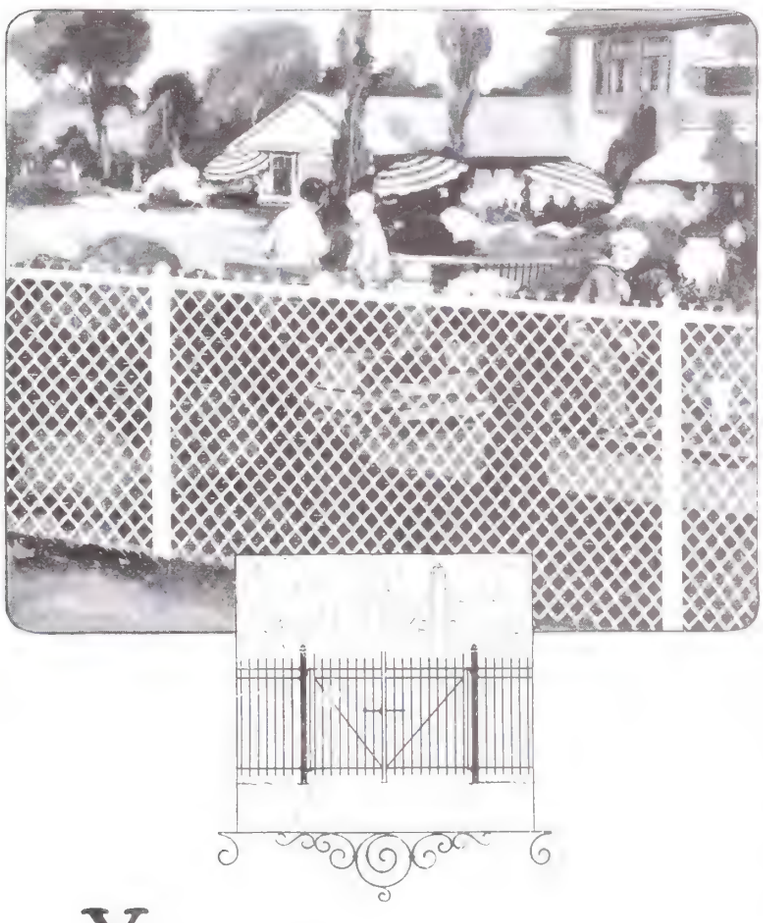
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PAGE 53 service plants erect fence everywhere FENCE
America's first wire fence — since 1883
CHAIN LINK — ORNAMENTAL WROUGHT IRON

FASHIONS IN APPL

THERE [illegible] much change in [illegible] Apples [illegible] there is in [illegible] No one can afford to neglect [illegible] Trees live longer than they are wanted. Their glory is then departed.

[illegible] formerly was a great market for Red Sweet Apples and Quinces; [illegible] bad. Few eat them and are a [illegible] Both are gone. Those who baked them are departed and a new order has arisen. The restaurants have [illegible] the custom and the demand for sweet Apples is now practically nonexistent and that for Quinces [illegible] that 500,000 bushels is now a surplus, while a decade ago, three times the quantity were used.

Will the use of Quinces ever return? Those who want a Quince may [illegible]; eat a bushel or two, and those who want a good tall sweet Apple will find it in Sweet Delicious or Sweet McIntosh, both new.

Philadelphia, Baltimore and Washington used to have a [illegible] Old Gilly[illegible] Sheepnose, Arkansas Black were used for baked sweet Apples. This trade is practically [illegible] but it has moved to New York and Boston.

In New York the use of certain [illegible] Apples by restaurants, for baking [illegible] Rome Beauty is gaining favor for this purpose and for [illegible] quantity of supply. Rome Beauty is a good keeper. It is on the market for six months, and [illegible] told me "We [illegible] much sugar and so much time will ensure a uniform product. And we must have a [illegible] supply of Apples [illegible]." Some use large-sized Spitzenburgs, but even in the West this Apple is not sufficiently productive and its days are numbered. [illegible] Spitzenburg will be wise to plant it on Dwarf stock and grow their own. It is a high quality Apple and makes wonderful mince-[illegible] better for this [illegible] purpose.

In New England and New York, McIntosh is the great eating apple. Twenty years ago it was almost unknown in the New York market. Today it is the highest priced Apple in the world, and for six consecutive years has been awarded the championship at the Imperial Exhibition, London, the Apple Supreme, displacing Cox's Orange Pippin.

The remarkable gain of McIntosh in New York is due to the Jewish population's discovery that this is a [illegible] Apple in which the flesh can almost be sucked out of the skin. It is no work to chew it. The Gentiles have been [illegible] that the Jews had a good Apple and that it is easier to drink the pulp, as it were, and use [illegible] drinking or chewing gum rather than Apples. We drink Oranges because we can do it quickly and with less effort than is required to eat an Orange.

Soft Apples are the order of the day. The public is the arbiter, and if the producer would live he must serve; he must cater to notions and prejudices, knowing that he who serves best shall have the greatest [illegible] The Apple breeders and growers have taken the lessons to heart and are producing and developing [illegible] is soft in texture and requires little effort to chew.

Several new varieties of Apples of the McIntosh type and character have recently appeared, all resembling McIntosh in flesh and flavor. But McIntosh matures its fruit in September in New York State. It is followed by Melba and Milton, then Lobo, which ripens with McIntosh in late September, and can be kept in cold storage until March or later. Then comes Cortland which keeps [illegible] and then Macoun, the latest of all. And the end is not yet. A [illegible] McIntosh flavor will be on the markets twelve months of the year. One of the most remarkable achievements in plant breeding for a purpose we have.

Hard but excellent Apples like Northern Spy will not sell as well as McIntosh. Tompkins King, highly esteemed, now sells [illegible] Some Whole McIntosh and Spy grow successfully in only a [illegible] small area of the United States. The well known Delicious is grown in a larger area than most varieties, but is lightly regarded as a dessert Apple of little value for cooking, which McIntosh and its type, Northern Spy and many others are, for cooking.

OLD NAMES

Rhode Island Greening has been before the American public for [illegible] two hundred years and is [illegible] importance for cooking and [illegible] It is an excellent Apple for all purpose. McIntosh and Spy are excellent. Jonathan, Strayman[illegible] sap, Newtown Pippin are also important Apples of today, but the roll of the departed:

Hubbardston, called Nonsuch, no longer desired. Swaar, that Jefferson roughs talked about, is gone. Greasy Pippin of fond memory, no more. Between 1804 and 1904 some 14,800 varietal names of Apples appeared in American horticultural literature. Of these 6,700 are [illegible] as distinct, the remaining 8,1[illegible] synonyms. Almost all of these are gone. This list did not include Crabs of which there are 60 [illegible] and 375 distinct varieties. There are about 400 to 450 names applied to Apples; many of these were almost unknown twenty years ago. About thirty names will cover the list of those well known.

The change in other fruits and vegetables is proceeding with [illegible] greater rapidity than it is with Apples; and in spite of the fact that the shipping quality of a commodity is of prime importance, there is an increasing recognition of the fact that quality is growing in importance. The high quality Apples are the result and the large number of new [illegible] agricultural experimental stations working on this problem of producing better varieties of fruits promises more rapid changes in styles in the future than we have had in the past. There is nothing so permanent as change.

—SAMUEL T[illegible]



Mid of the Mist

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praying the lawn, flowers, n, or washing the porch, iveway, automobiles, etc turn on the water and con- spray entirely at the noz- metal-to-metal ground seat leak.

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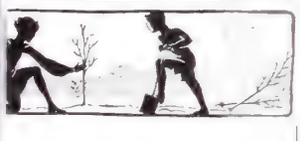
tian bell flower with a profusion shaped blossoms of light Blue ish center. A tufty gem reaching height of 3 inches. Just one of st of delightful and rare alpines

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"The [illegible] plot. On [illegible] into the ground. I had not time to prepare it. Fortunately [illegible] leaves, [illegible] Grantham Peat Moss, [illegible] half and half Peat Moss [illegible] and dressing it on the space [illegible] out the [illegible] plants. I [illegible]

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CREEPING BENT GRA

was poured, leaving a slit four inches

was filled with a good sandy loam and the grass planted in the ordinary manner. The intricate curves of the terrace, particularly at the edge of the

that there is little scarffing.

turf rather than by the customary

could be obtained in the paneling of lawn areas for formal effects by the

embody water in a design

stone or brick coping. By beveling the

retaining the water, it has been demonstrated that a perfect piece of turf

which form it obtain from points six

and extremes of temperature, creeping habit which will provide continuous and weedless turf over entire area and in its assistance

The method of planting the

eventually formed permits, which so likely to appear thin and s due to the angle of view.

While the limitations of C constitutes a replanting of plant the cost is not excessive. E cheaper than sodding, and w consider the beauty of a Bent economical expenditure.

HOUSE & GARDEN'S BOOKSH

. By Louise Bush-Brown. Boston: Little,

every point nice discrimination, no rhapsodies, this work of the Director of the School of Horticulture for Women does indeed "meet a very real need for a simple, practical and up-to-date manual for the amateur amateur the author includes the untrained home gardener of small means. Many small matters, too, often ignored in an elementary treatise, are wisely put in as the trifles that go toward making for perfection. (The only point that might be questioned is the advice to plant Tulips toward the latter part of October or early in November. The latter part of November is the better time, even at places one distance north from Philadelphia.) Plants that are temperamental are set into a chapter by th so that their idiosyncrasies to be attended to. A few no recognition, in order that turesome may not waste a is inclined to stake.

Under the heading of " Dollar-Gold-Piece Garden" Practice" and the Chapter co Garden Medicine Shelf," t



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THE GARDENER'S SCRAP BOOK

INSPECTING BEFORE SHIP

TO [illegible] Iris must handle [illegible] to [illegible] other particular parts of the earth one would naturally assume that these splendid flowers would relish the most nourishing food that could be given to them. Perhaps that is the reason why so many inexperienced gardeners have made the mistake of enriching their Iris plantings with stable or barnyard manure.

As a matter of fact, fresh manure can easily prove fatal to Iris roots, setting up a condition of rot and over-feeding which is anything but bon appetit. If manure is used at all it positively must be cold and thoroughly disintegrated—hardly more than humus. Unless it can be provided in such condition one should fall back on bone meal, which is harmless to the roots and sufficiently stimulating to meet all ordinary requirements.

NEGLECTED NASTURTIUMS

IN these days of innumerable new and fine flower introductions there is a tendency to forget some of the old stand-bys among the annuals and perennials. An inevitable situation, of course, if horticulture is to progress as it should; but for all that, there is no need to be ruthless in our advance. As a matter of fact, most of the good novelties that the growers and seedsmen offer today would have been impossible without the background of old-time favorites.

Among the worth-while plants that have been in danger of eclipse by more modern beauties the Nasturtium is one of those that least deserve to be overlooked. In ease of culture, rapid growth, long season, grace of form and foliage, and wide range of [illegible] it is readily outstanding.

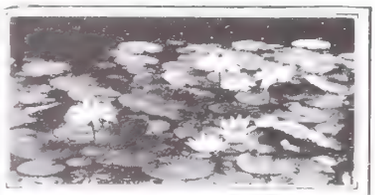
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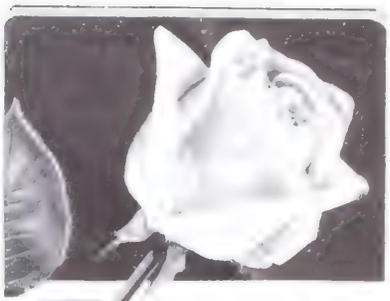
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When filled, drop lighted match on contents at [illegible] Burns [illegible] No smoke [illegible] No flames [illegible] Recommended by Health Officials.

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A great, tall rose of the type associated with romance and knighthood. The large buds on an erect well-clothed stem [illegible] that old rose perfume [illegible] care. The [illegible] Bud still the rose of the Bloom is a solid Peal [illegible] Never known to ball. The most [illegible] rose [illegible] recent year. $2.00 each.

Doris Dickson
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Coloring [illegible] to describe, pastel color orange-cream, heavily veined and penciled with brilliant cherry-red. Vigorous and hardy. Long-pointed bud, and flowers of medium size, extremely fragrant, exquisitely formed, and borne profusely on good stems. Certificate of Merit, N. R. S. $2.00 each.



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The pointed bud is deep orange, splashed with scarlet, and opens in a large, full bloom of deep sunflower yellow, the reverse of the petals heavily [illegible] rose with upright habit. A continuous bloomer. Gold Medal, N. R. S. $2.00 each.

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THE GARDENER'S SCRAP BOOK

Given sunlight and reasonably good drainage, Nasturtiums can be depended upon to furnish an apparently inexhaustible supply of flowers that are lovely for cutting as well as garden display. They are among the most adaptable of all plants; one can use them in window boxes, on trellises, over rockwork, to cover old tree stumps or other unsightly objects. They do best in rather poor soil, for good meals cause them to make an over-growth of stems and leaves at the expense of blossoms.

In the better seed catalogs of today are to be found a considerable number of named Nasturtium varieties in both the dwarf type for edging and the tall climbing kind. Each has its particular color or combination of colors, so that the selection of kinds for any desired effect is simple.

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ONE hears a good deal about succession plantings as a system for prolonging the bearing season of the vegetable garden, but comparatively little attention seems to be paid to a similar plan of treatment for flowers. Indeed, most people never think of applying the principle to any of the blossoming plants.

Succession planting in the flower garden is applicable to the summer-flowering bulbs and many of the annuals; perennials, in the very nature of things, have to be omitted from one's calculations. Gladioli and Tritonias lend themselves especially well to it.

In general, the procedure is to plant batches of the bulbs or seeds, as the case may be, at intervals slightly less than the normal flowering period of any given plant of the species. Thus, if a plant is accustomed to blossom for three weeks, and then cease, eighteen days should be the interval between the sowing dates. In this way a fresh lot of plants is ready to take up the task of

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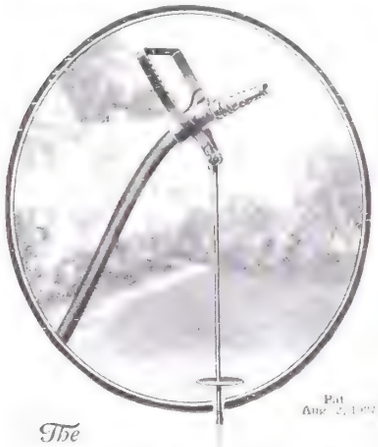
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THE GARDENER'S SCRAP BOOK

[illegible] flowers [illegible] Experiments. The [illegible] terminated [illegible] [illegible] [illegible]

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Check or money order for [illegible]

Write for Booklet

The Soilife Humus Co., Inc.

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THE GARDENER'S SCRAP BOOK

[illegible] OF THE WILDFLOWER

EVERY [illegible] interest in the garden use of many plants [illegible], with the constantly growing number of those who go afield into the woods and fields, an increase in the need for wildflower protection. The time has already come when certain of our more attractive flowers have disappeared from many of their old haunts, and serious inroads have been made upon the ranks of others. Most emphatically there is need for care and sane protective measures on the part of the flower-loving public in particular.

Properly managed, the transplanting of moderate quantities of herbaceous wildflowers and desirable shrubs to the home grounds is good conservation as well as a source of keen pleasure, for it assures the future of at least those individual plants which are concerned. Without intelligent care and sufficient knowledge to bring about success, it is little short of flower murder. So be sure of what you are doing before you start in to bring the woods and fields to your door, so to speak.

The success of such transplanting hinges largely upon providing, in the new site, growing conditions identical with those from which the particular plant has come. Exposure, degree of moisture, soil consistency and chemical content—all must be right. It is especially important, with many kinds of plants, to provide a specific condition of soil acidity or alkalinity, as the case may be. A chemical test is the only sure way of determining this last matter. Special testing sets are available for the purpose.

House & Garden cannot too strongly stress the pleasures of the garden of native plants and the importance of going about its creation only in the right way. There are excellent books on the subject whose titles we will be glad to supply upon request.

Saving money[illegible] not my idea

THAT is, saving money [illegible] the expense of depend[illegible] bility. No doubt, I cou[illegible] buy cheaper flashlight b[illegible] teries than Eveready, b[illegible] I'm taking no chanc[illegible] When I press the swit[illegible] I want LIGHT.

I use Eveready Batter[illegible] on my radio set and Ev[illegible] eady Batteries in my fla[illegible] light. They are made [illegible] the same people in the sa[illegible] shops. And how! I [illegible] sometimes a matter of li[illegible] or death. What's a pen[illegible] or two then?

Get the flashlight hal[illegible] A good flashlight is alw[illegible] a convenience — ofte[illegible] life-saver. And the batt[illegible] is terribly important!



Your Springtime Mowing

With [illegible] Moto-[illegible] cutting [illegible] Moto-Mower will [illegible] keep [illegible] A [illegible] trans[illegible] to [illegible] horsepower. De[illegible] cut clean and [illegible] trees and [illegible] coupon for [illegible]

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Name

Address

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[illegible]

Prickly Pear all $1.50 each. One [illegible] $2.50

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IRIS FIEL[illegible]

115-C Lutz [illegible]

West Lafayette, I[illegible]

THE GARDENER'S SCRAP BOOK

SPRING AND SUMMER MULCH

BY this time of year the summer mulches have gone the accepted way of all cotton wool and feather dusters, and in the gardener's heart not matter from the thought until next autumn. Only here and there will he find one who knows and uses the summer mulch, rental content to the cold weather blanket of two months later.

The principal purposes of the spring and summer mulch are to keep plant roots cool and check the surface evaporation of soil moisture. It is invaluable to newly planted trees and shrubs which are faced with the task of establishing themselves at a time of year when much of the energy is normally given to making top growth. Under its stabilizing protection the roots of such plant material find their best chances to do their necessary work in the new site. Even though you can and do water the shrub or tree regularly the mulch is a wise precaution, especially in exposed, sunny situations.

There are several kinds of mulching materials. Of double value is strawy, fairly old manure, for it has enriching as well as protective qualities. Straw and hay, too, as well as grass clippings, are good if not applied so thickly as to result in their heating and "burning." Dead leaves also have their place in the list, as do dead Pine needles for such plants as require an acid soil. And last but very far from least is the finely granulated humus known as peat moss, which has marked moisture-holding properties and is of neat appearance when in place.

As to the thickness of the growing-season mulch, a good deal depends upon the material used, the site, and the size and kind of the plant material which is to be protected. As a rule, a depth of three to four inches will be right.



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While every precaution [illegible] the possibility of an occasional change or omission in the preparation of this index

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Architectural Service Protects You

1: *Architectural service is not an expense*

An architect will harmonize your building requirements with your budget. Acting as your agent, he will protect your interests. His plans and specifications are dependable documents that enable you to obtain the benefit of the lowest market cost, consistent with quality, through competitive bids. Supervision of construction by the man who drew the plans and specifications insures [illegible] what you pay for.

2: *Your individuality will be expressed and your personal requirements will be met*

An architect studies your personality, mode of living, individual family requirements and provides a custom-built house suitable for your needs.

3: *It assures a house of greater convenience and character*

An architect imparts good taste and the fundamental principles of good design to the exterior and interior. His knowledge of good planning, applied to your particular problem, will secure greater convenience and a greater proportion of usable space.

4: *The House will fit its site and environment*

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5: *A well designed house insures low maintenance cost and higher resale value*

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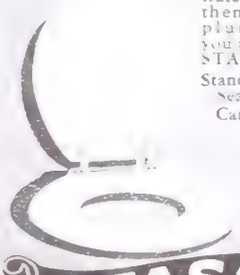


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Vol No. 5



THIS MODERN TABLE GAYETY

Who could endure again the "GAY" NINETIES

DINING in the "gay" nineties. Memories . . . of relish boats and baskets, of ornate cut glass ponderous china in generous dis- r. In two words, fussiness rampant. y" *indeed.* But what a charming rast the civilized group of today es.

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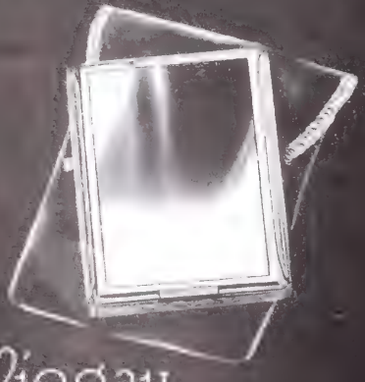


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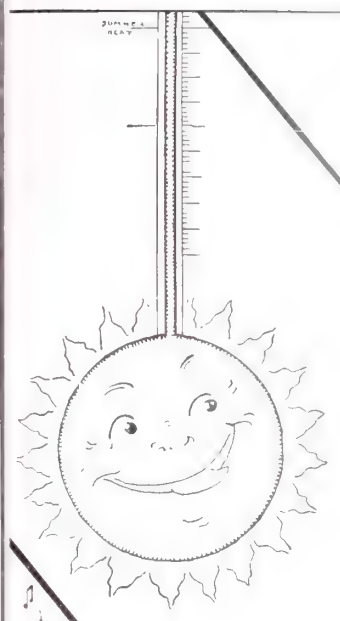


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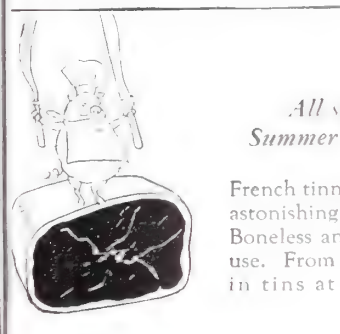
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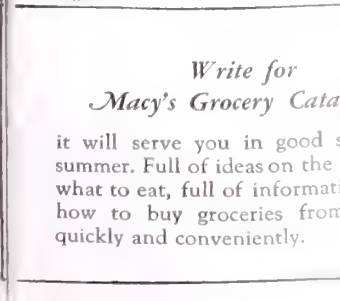
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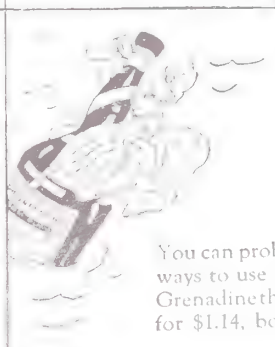
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an orange pekoe tea with exquisite bouquet and flavor. In black Japanese lacquered tin, 1 lb. $2.74

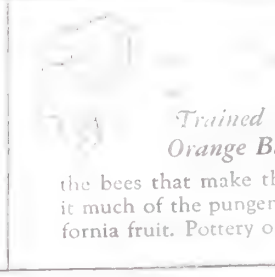


Write for Macy's Grocery Catalogue

it will serve you in good stead this summer. Full of ideas on the subject of what to eat, full of information about how to buy groceries from Macy's, quickly and conveniently.

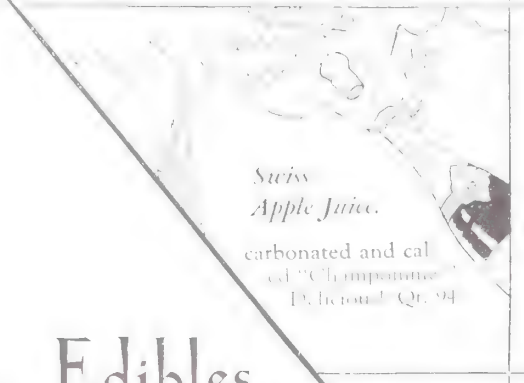


You can probably think of ways to use a fine French Grenadine that Macy's sells for $1.14, bottle of 31 oz.



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the bees that make this honey impart to it much of the pungent flavor of the California fruit. Pottery orange jars, [illegible] 94¢



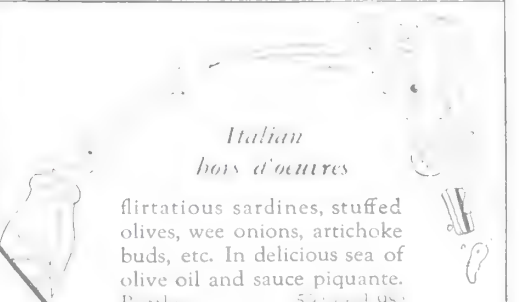
Swiss Apple Juice.

carbonated and cal[illegible] "Champagne" [illegible] Qt. 94



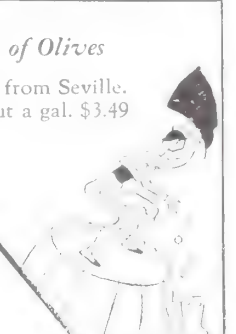
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Salem
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PRISCILLA
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Kittinger Distinctive Furniture

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Distinctive Furniture



New Beauty fo

SPRING! gently but firmly it pushes aside the dra brown winter covering of your garden and nature paints her colorful picture of early flowers and countless growing things. Birds find a haven in the foliage; thei sweet, varied notes adding to your enjoyment.

Add to the attractiveness of your garden! Exercise you own personal touch in placing here and there appropriat pieces of garden furniture. Such furniture allows one t express individuality in the open spaces of a garden n less than in the home.

For over a century the House of Jackson has contributed to the famous gardens of this country by importing fron Italy some of the world's most unusual, rare and truly beau tiful pieces of marble and stone garden furniture. Many o these pieces have come from old villas. Could they b speak, what stories they would tell. For in the solitude o such gardens, no less than in your own, have come thos hours of inspiration that spell achievement; hours of lo and romance, happiness and peace.

You will find here the garden furniture appropriate f your needs. In our vast collection there are many su gestions that will prove invaluable in your quest. May w suggest that you inspect them in person?





WM. H. JACKSON COMPANY

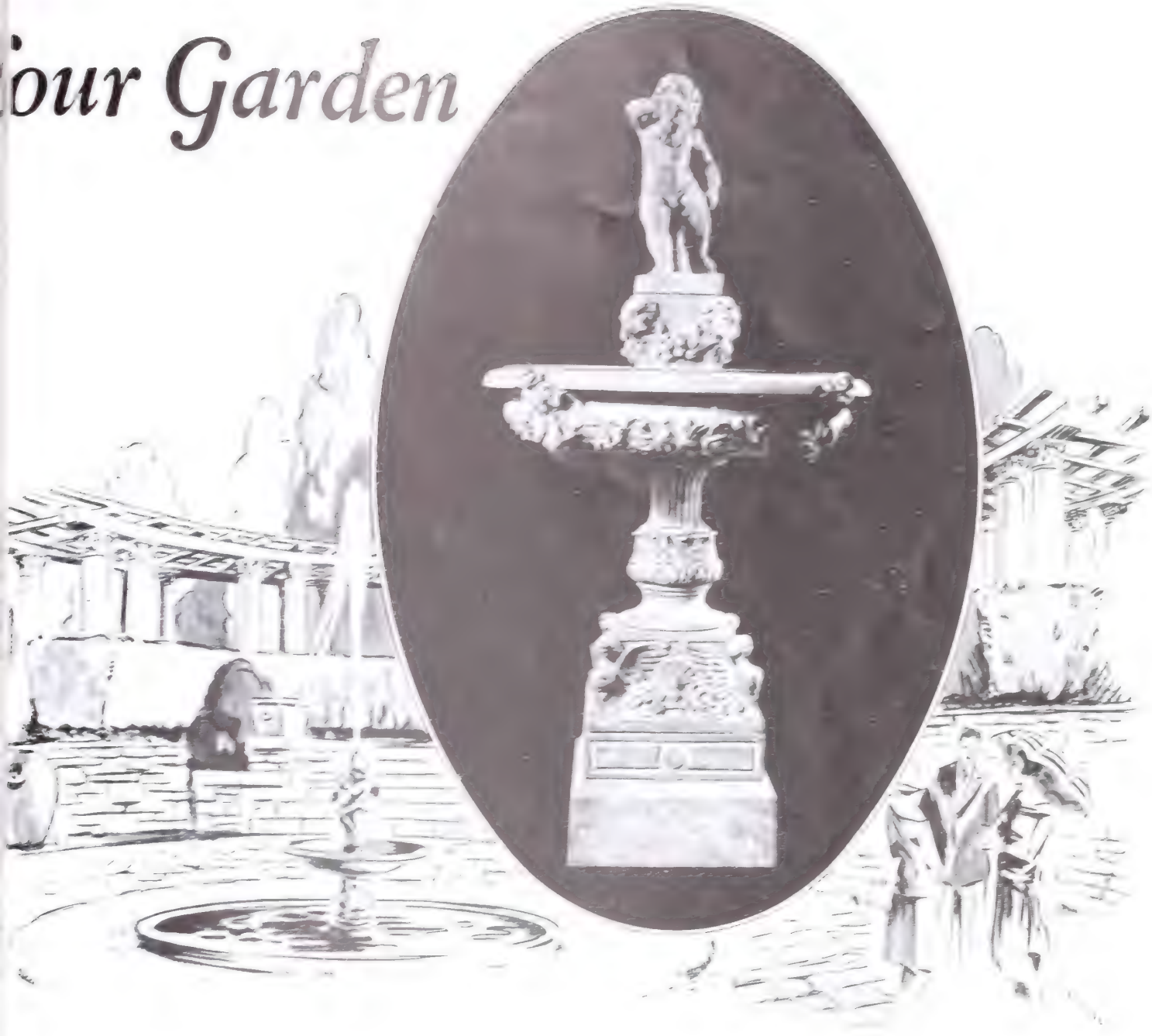
ESTABL[illegible] YEA[illegible]

[illegible] W. 27th STREET NEW YORK

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THE OLDEST HOUSE ITS KIND IN AMER[illegible]

Your Garden



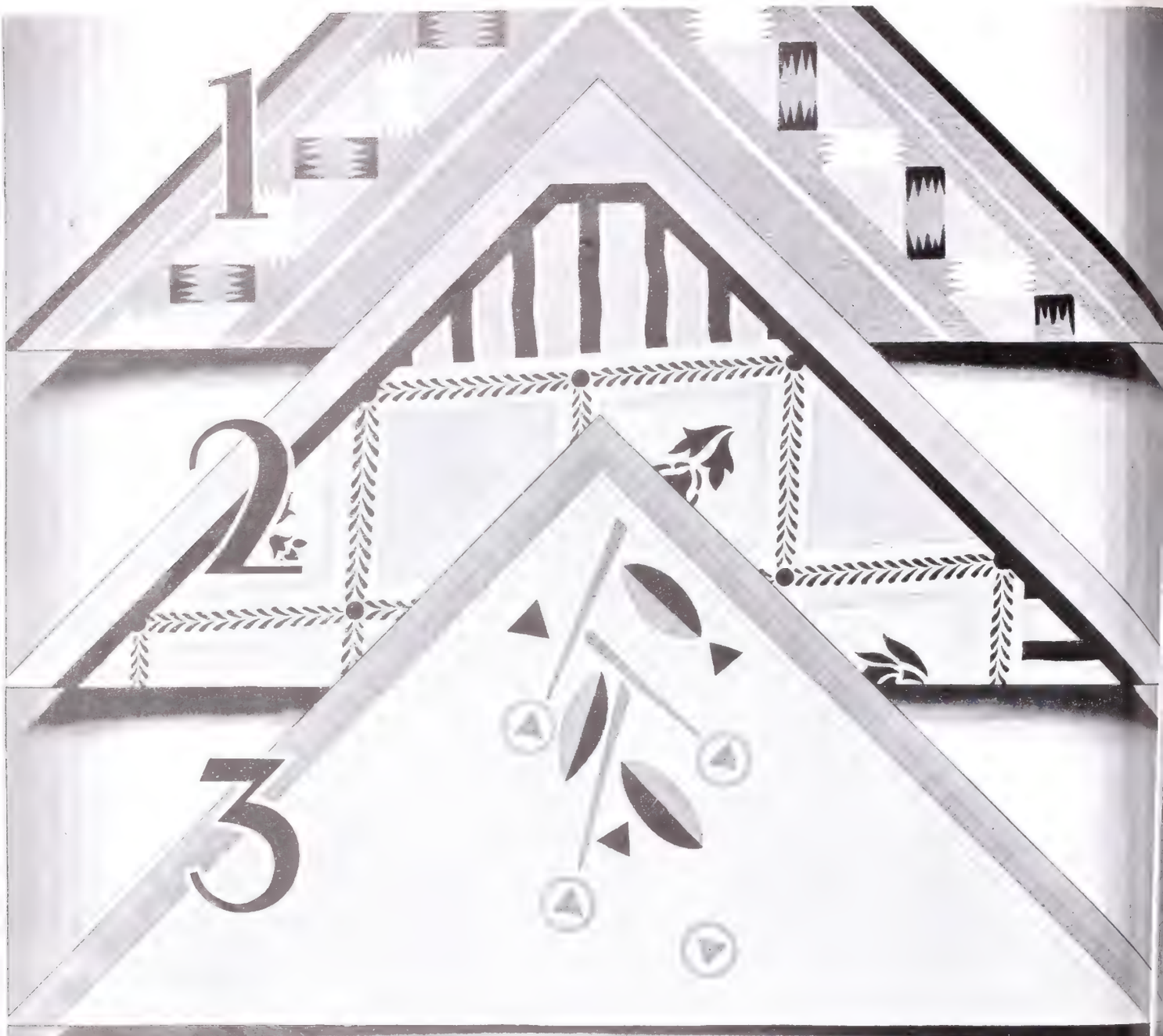


MODERN AND ANTIQUE MANTELS · MIRRORS · GRATES AND OTHER FIREPLACE FIXTURES

WM. H. JACKSON COMPANY

ESTABLISHED IN THE YEAR 1827

THE OLDEST HOUSE OF ITS KIND IN AMERICA



banish the "gay nineties" look with these new rugs by Crex—

the modernistic influence is no longer confined to the studio and the stage. It has taken its place in the new home.

last winter shops and decorators showed entire rooms in the modernistic manner which thousands thronged to see.

people had seen these things before. But now they began buying them. Overnight the contagion of brilliant color and bold design spread to a thousand homes.

one of its pleasantest interpretations is in this group of stunning new Crex Rugs for summer homes and porches.

you will be more than ever convinced that Crex is the ideal summer rug when you see the new modernistic Crex patterns in their new and original weaves. If they haven't yet arrived in your store let us tell you where to view them.

Crex Carpet Company, 295 Fifth Avenue, New York City.

1

2

de luxe design in burnt-orange and black; spring-green and black; spring-green and awning red; black and delft-blue

3

ultra, a new weave for year round use. This design with mauve, spring-green or delft-blue ground

summer rugs by crex



A cabinet—decidedly modern in conception with the delightful simplicity of line which reflects the supreme spirit of the age we live in. A new *Dynamique* creation.

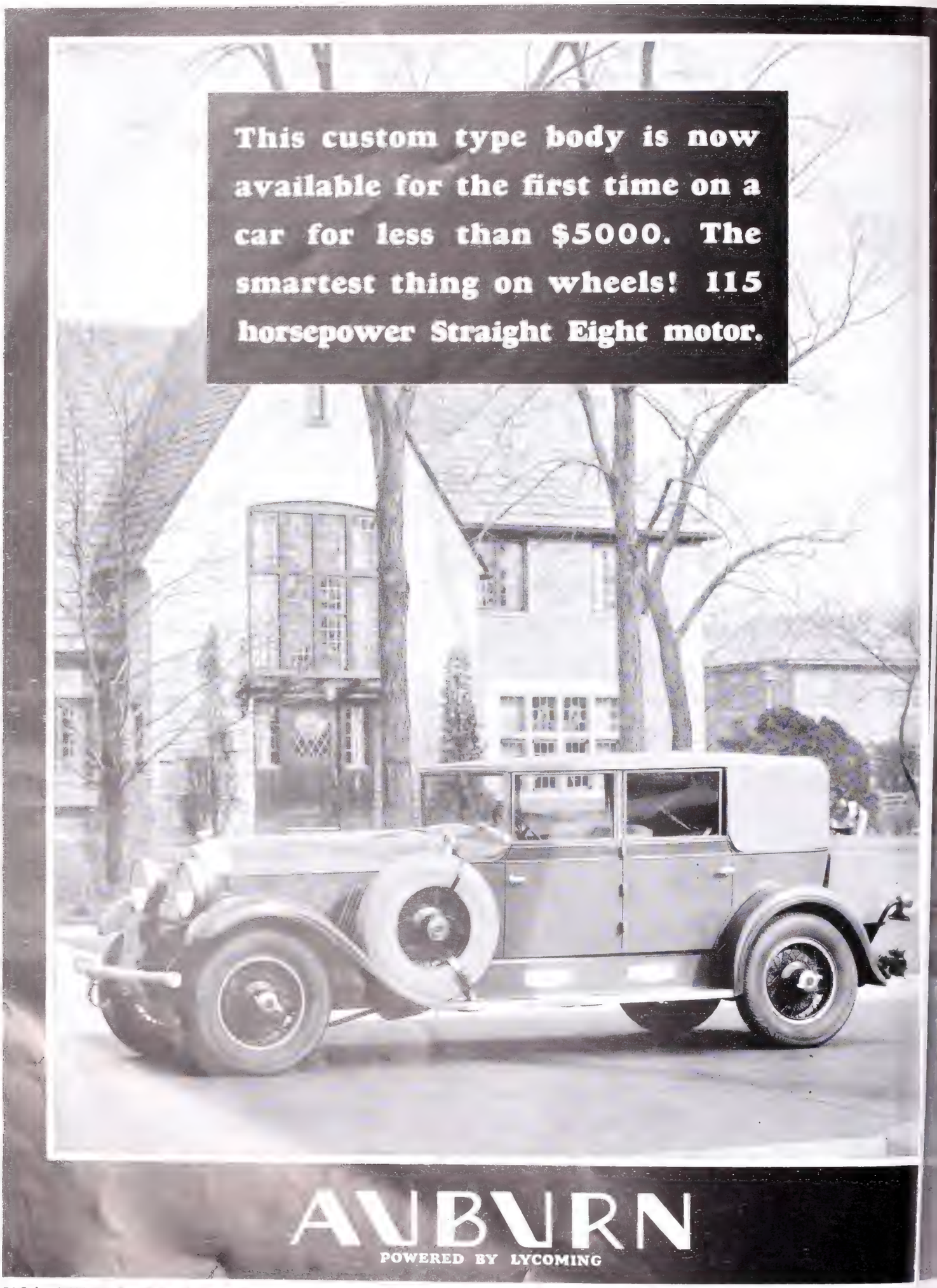
It comes in natural harewood and stands some four feet from the floor. One of those engaging pieces which absorb books, magazines, humidors, cigarette trays—and which will find its place unobtrusively and yet lend distinction to almost any comfortably appointed living room.

Dynamique is shown in a leading store in the larger cities throughout the United States and Canada.

JOHNSON FURNITURE CO.

JOHNSON-HANDLEY-JOHNSON COMPANY, GRAND RAPIDS, MICH.

DYNAMIQUE CREATIONS



76 Sedan $1395; [illegible] 76 Cabriolet $1395; 76 Roadster $1195; 88 Sedan $1695; 88 Sport Sedan $1595; 88 Cabriolet $1695; 88 Roadster $1495; 88 Speed[illegible]
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AUBURN AUTOMOBILE COMPANY, AUBURN, INDIANA



To Keep the Younger Generation at Home: an ounce of beauty is worth a pound of advice.

THE BERKEY 75th ANNIVERSARY SUITE

Shown Throughout the Country

June 13th *to* 20th



Berkey & Gay Furniture Styles are smartly up to the minute—a charming asset when entertaining.

IS BERKEY dining room suite has been ecially created to commemorate Berkey 's 75th Anniversary.

e 13 to 20 it will be displayed in hundreds nerica's finest furniture stores. At that ook for the special BERKEY emblem which ppear in the newspaper advertising and w displays of all stores exclusively author- handle the BERKEY suite.

very real sense the BERKEY typifies all the ness and fineness for which the Berkey & ame has stood three-quarters of a century the added advantage of a sensationally rate price. Don't fail to see it!

Watch for this 75th Anniversary Emblem in the advertisements, in the windows and on the sales floors of America's leading furniture stores. Wherever it is shown the Berkey Dining Room Suite will be on display June 13th to 20th.



The Berkey Suite

lowing fine old Jaco- nfluences, the BERKEY en created in the most ar of smart modern ns.

utiful woods, select- r their fitness, are ed with rare skill and ed by a glowing, mel- and-rubbed finish.

e soft high-lighting ading, all hand-work, tique brass hardware, the colorful Ca-Vel r upholstery are de- f artistry that you will ularly admire.

er points of excel- and convenience in- aproned table leaves, ed and hand-fitted to the top; a solid ma- y, partitioned tray ver; two solid mahog- ays for linen and solid gany drawers careful- ished and hand-fitted asy gliding.

150 Other Smart Styles

In addition to the BERKEY, there are 150 other current Berkey & Gay suites for bedroom and dining room—with prices ranging from $200 to $6,000.

Among them you will find a style to meet every decorative need or whim from the newest modern creations to period adaptations of the masters of the past. And every suite, regardless of price, is built with that exquisite skill for which Berkey & Gay creations have been famous for 75 years.

Each suite, too, is inset with the famous Berkey & Gay Shop Mark—furniture's proudest coat-of-arms. And each is an exclusive creation made in limited quantities—as distinctive as the latest gown from Paris.

Berkey & Gay Furniture



The "Furniture Style Book"

As a guide in selecting the correct furniture for your home, send for the Berkey & Gay "Furniture Style Book." It contains ideas for interior decoration by Mary Fanton Roberts, editor of "Arts & Decoration." Popular styles for 1928. Gives room arrangements and color schemes. Suggests draperies and floor coverings for each period. Tells about woods, finishes, convenience features and care of furniture. Fully illustrated with charts, diagrams, drawings, and actual photographs. Clear, understandable, and authoritative. Saves its cost many times over, by protecting you against disappointment in your furniture and decorative selections.

Send $1.00
for the Furniture Style Book, postpaid anywhere

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Address _____

DEPT. 4

EY & GAY FURNITURE COMPANY, GRAND RAPIDS, MICHIGAN : FOUNDED 1853 : NEW YORK WHOLESALE SHOWROOM, 115 W. 40TH STREET

* GRAND RAPIDS UPHOLSTERING CO., LIVING ROOM FURNITURE, CREATED BY BERKEY & GAY DESIGNERS * *

finest tapestry brick, and furnished in a range of attractive shades. Natco Tex-Tile walls are strong, self-insulated, moisture resisting, require no painting, repairs or maintenance, are unaffected by the elements, are permanently attractive and permanently satisfactory.



WHEN summer comes, with stifling, enervating days, those who have built with Natco find their homes true havens from the heat. For the Natco exclusive double-shell construction insulates a building with a multiple blanket of dead air, that bars discomfort.

The qualities of Natco Tile that keep heat *out*, are equally effective, in the winter, at keeping it *in*. Natco homes are cooler in summer, warmer in winter, more livable the year round.

Natco—the Complete Line of Hollow Build g Tile—provides a tile for every building ne Its use brings to structures greater econo y and longer life. Its use brings to owners gre t er enjoyment, and assured, permanent sa s faction.

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NATCO

NATCO
THE COMPLETE LINE of
HOLLOW BUILDING TILE

HOLLOW
BUILDING TIL

The oldest living thing on earth



After more than 5,000 years of existence, this venerable old cypress is still in vigorous health. Today it stands in all its age at Santa Maria del Tule, Mexico.

ON the morning when Columbus caught his first grateful glimpse of the San Domingo landfall, this grand old man of living things had already seen almost 5000 years of life.

At the very dawn of Christianity, this hearty old cypress tree had even then survived wind and rain and germs of rot through more than a million sunsets.

For five thousand years this tree has vied with the Egyptian pyramids in durability and so far has established a record of endurance that is infinitely more remarkable.

Your home also can possess this very same characteristic of durability. For the supply of Tidewater Red Cypress is plentiful. Any lumber yard can serve you, and at moderate cost.

Wherever wood meets the weather, use this Wood Eternal. Use it for shingles, siding, cornices, windows, doors, porches, steps, and every other place where dampness and rot may do their damage.

To learn how enduring, how beautiful and how economical Tidewater Red Cypress really is, send for the free booklet, "Money Saved for Builders".

SOUTHERN CYPRESS MANUFACTURERS' ASSOCIATION, DEPT. 16, JACKSONVILLE, FLORIDA

Specify TIDEWATER RED CYPRESS

THE WOOD ETERNAL

The Mode is Marble

MOST of the better homes evidence this. For little things and big — for decorative purposes and practical — the home in good taste is using marble.

Marble topped furniture, marble mantelpieces, lamp bases and radiator tops, together with marble floors and stairs, give distinctive beauty to modern home treatments — homes where culture and refinement are apparent. Marble-lined bathrooms vie with marble wainscoted kitchens in achieving the maximum of sanitary perfection.



This popularity of marble is founded on the bedrock of rare beauty — and rarer durability. Its unlimited range of color offers unusual possibilities for harmonies and contrasts; its incomparable surface glows with life and brightness. The elimination of replacements and the ease with which its cleanliness can be maintained means practically no upkeep costs.

There is No Substitute for Marble



Send for the illustrated booklet "The Everyday Uses of Marble," giving interesting data about the beauty and advantages of marble in home and garden, as well as in commercial treatment. It will be sent you gladly, without charge. Address Department 6-F.

NATIONAL ASSOCIATION *of* MARBLE DEALERS

ROCKEFELLER BUILDING • CLEVELAND • OHIO



ALFRED HOLES' Architect

CEILINGS–

One of the most important features of home decoration, yet one that is too often neglected



CEILINGS have become important. Today as never before, architects and decorators realize that ceilings too severely simple can mar the effect of otherwise perfect rooms.

The surface above the room represents an unusual opportunity for adornment. In years gone by, English and Continental architects and designers were well aware of the importance of this element in room decoration. Gothic, Tudor, Georgian, French—each period had its typical ceiling treatments to harmonize with the general effects the designers sought to attain.

And what really marvelous rooms can be created with the proper ceiling ornament! With the older periods—Jacobean, William and Mary, Italian—rich coffered effects! And in the simpler periods, too, a few touches of plaster ornament—perhaps only a few medallions, sometimes an attractive molding or cornice—can tone up the whole effect, make unusual a room that would otherwise be commonplace.

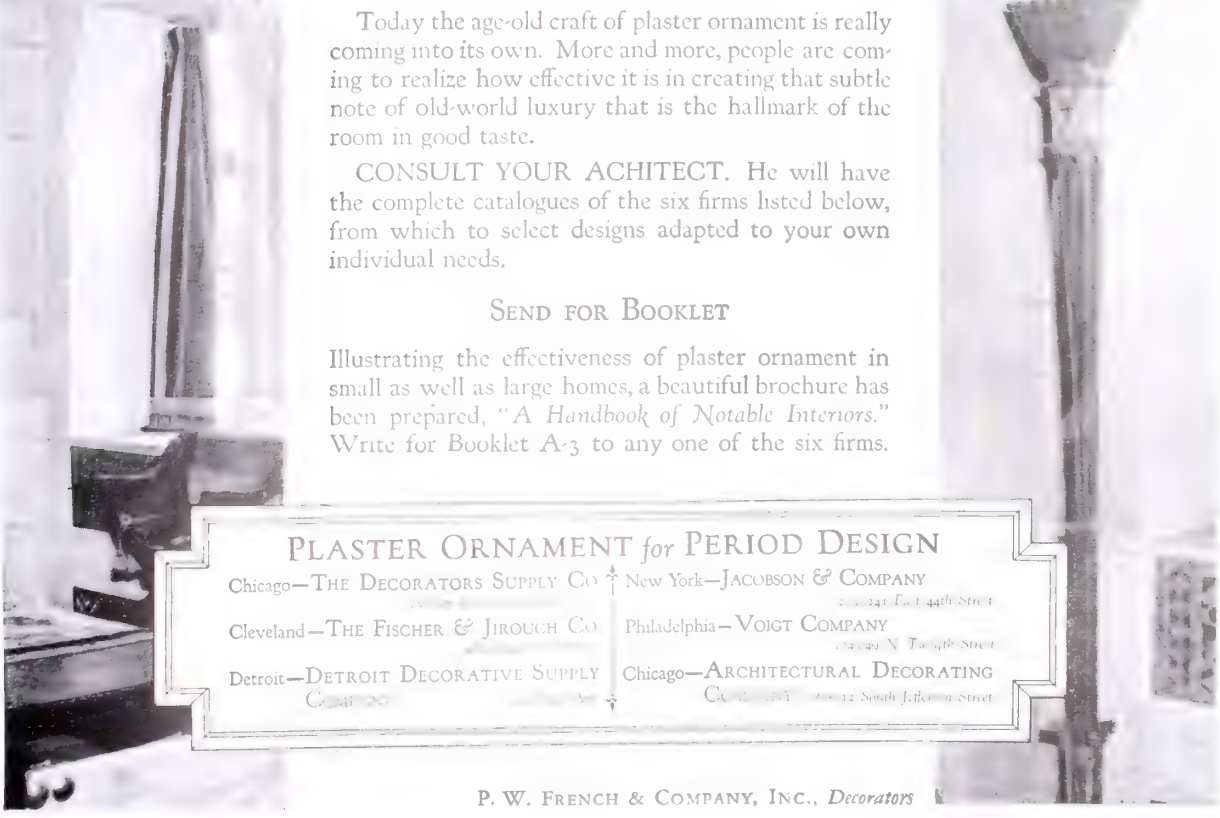
Today the age-old craft of plaster ornament is really coming into its own. More and more, people are coming to realize how effective it is in creating that subtle note of old-world luxury that is the hallmark of the room in good taste.

CONSULT YOUR ACHITECT. He will have the complete catalogues of the six firms listed below, from which to select designs adapted to your own individual needs.



SEND FOR BOOKLET

Illustrating the effectiveness of plaster ornament in small as well as large homes, a beautiful brochure has been prepared, *"A Handbook of Notable Interiors."* Write for Booklet A-3 to any one of the six firms.



PLASTER ORNAMENT *for* PERIOD DESIGN

Chicago—THE DECORATORS SUPPLY CO

New York—JACOBSON & COMPANY
241 East 44th Street

Cleveland—THE FISCHER & JIROUCH CO

Philadelphia—VOIGT COMPANY
1249 N. Twelfth Street

Detroit—DETROIT DECORATIVE SUPPLY COMPANY

Chicago—ARCHITECTURAL DECORATING COMPANY
1112 South Jefferson Street

P. W. FRENCH & COMPANY, INC., *Decorators*

. . . YOUR HOME and All That It Hold
Needs the Protection of Anaconda Copp



The weakest points in a roof—ask any expert roof builder or owner—are where the roof surfaces join, forming ridges or valleys. These vulnerable angles and corners are almost always covered with sheet metal, but if the metal rusts, as iron or steel inevitably does, hard-to-find leaks result. For that reason it is wise to use Anaconda Copper for all flashings and exposed metal work. Otherwise the finest roof you can build will eventually become a source of expense and annoyance.

Every month of the year ridges, valleys, flashings, gutters and rain-pipes are exposed to powerful destructive forces . . . blistering heat, pouring rain, piled-up snow—all kinds and extremes of weather



Copper, which cannot rust, will stand up under such service and protect your home and all that it holds—furniture, decorations, draperies—from damaging leaks.

When the exposed sheet metal on your home is Anaconda Copper, it will give a lifetime of wear, repaying the slightly higher first cost many times over through the elimination of unnecessary repairs. Once on your home, Anaconda Copper needs no attention. With each year it lessens depreciation on your house. Rustable metal must be painted to *delay* the action of rust. This cost alone in a few years brings the price of cheaper metal higher than enduring copper.



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on actual experience h
that Anaconda C
for flashings, gutte
rain pipes actually
$24 a year on the a
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Be sure Anaconda C
is used. Every sheet h
name Anaconda st
in the metal. W
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our new, free book-
let, "Rustproofed,"
or for any facts and
figures you may
require . . . The
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Company, General
Offices, Waterbury,
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in perfect condition, while t
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in a few years, the brass
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FOLLOWING three ... which made a success of all previous Arts Trade Exposition of a year ago, R. H. Macy & Co., Inc., held ... position, extended its scope, from May 1 to May 26. France, Germany, Italy, Austria and Sweden joined with outstanding American designers and manufacturers in preparing a comprehensive display of the best achievements in the ... modern design and craftsmanship. Using completely furnished rooms as the unit of the exhibit, the exposition demonstrated the wide range of articles in everyday use which are being made the media for applying art to modern life. The most characteristic creations in glassware, rugs, ceramics, jewelry, fabrics, silverware, metalwork and draperies were shown, not only for the display of their individual beauty, but also for their contribution to the decorative scheme of the home.

Lee Simonson, director and scenic designer of the Theatre Guild, again served as exposition architect. He converted the fourth floor of the new building into an exposition hall in which a central court was surrounded by 15 rooms.

Among the well-known designers represented at this exposition were Maurice Dufrene of France, Professor Bruno Paul of Germany, Professor Josef Hoffman of Austria, Gio Ponti of Italy, and Eugene Schoen and Kem Weber of this country.



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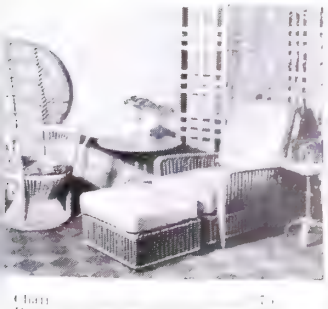
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HAND-HOOKED rugs, scattered here and there before a fireplace, a door or a comfortable couch, always have their place in Early American cottages, particularly in the summertime. Their bright colors and pleasing designs add much to the charm of a room of this character. The mountaineers of North Carolina today, as for years past, produce these rugs together with other

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...here is an ingenious space-saving unit that slips right into your present closet and brings order out of chaos. Used with our other clever clothing devices it creates an ideal wardrobe for any home.



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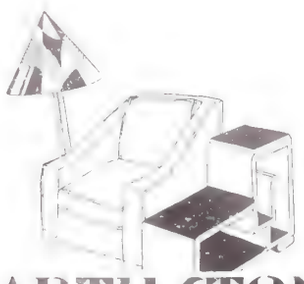
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AND your blankets. Mad will come back from our cial washing and refinishing cess, soft, fluffy, fresh as Send them to us now, be they are packed away for summer. Women throughout country are adding attractive and life to their blankets by ing them to our experts summer for proper care.

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THE demand for color and freshness of material in decoration has resulted in a new table damask made in Scotland and presented by the Irish and Scottish Linen Guild. This has a decorative floral pattern reminiscent of the designs of the Renaissance. It comes in a symphony of soft and beautiful colors—old ivory, honey, gold, [illegible] green, deep blue and a deep reddish pink that recalls the glowing tints of old Italian brocades. One can readily visualize these linens set with distinguished table appointments—amber glass, for instance, on the honey colored cloth, and

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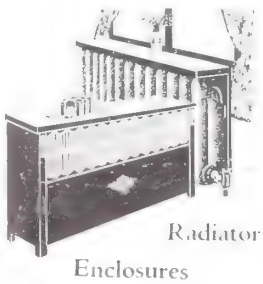
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Enclosures
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Turn to page 121 for further information

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A Gay Little Gardener



lovely groups of Red Hood with etc.

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bench, table and chair.

PEWTER MIRROR SCONCE. *No. 103 wall 6"*

FAIRYLAND CO.



FOR [illegible] furniture held during the winter, is the collection of furniture [illegible]. This year, realizing that to countless persons who are entirely out of sympathy with modernist decoration in general, are featuring well-designed reproductions of period furniture exclusively. Here may be found numerous Queen Anne styles executed in walnut and the attractive furniture pieces of Early America developed in pine and cherry as well as in the more familiar maple. In addition to these livable types, there is a variety of sturdy oak suitable for the dining room carried out in the early English manner, as well as a number of 18 Century mahogany pieces adaptable to bedroom use.

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from largest manufacturer



We are makers of wicker furniture for Hotel Commodore, Savoy Plaza, Park Lane, Westchester Biltmore, The Breakers, Miami Biltmore, and most prominent clubs and homes in America.

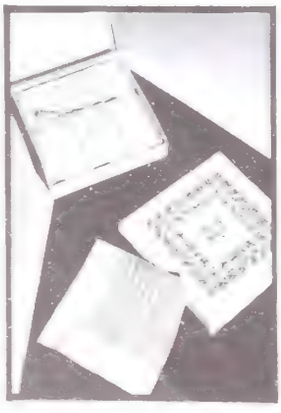
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. . . lovely as fine linen



INDISPENSABLE for emergency entertaining, useful for the cocktail hour and charming for every-day use: these napkins are the very newest vogue.

In colourful plaid designs—yellow, rose, blue, green or lavender. And in smaller sprigged designs—yellow, lavender or blue.

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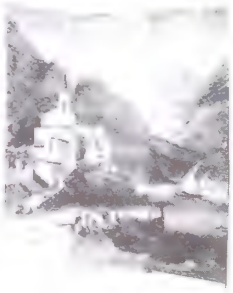
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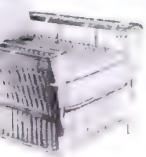
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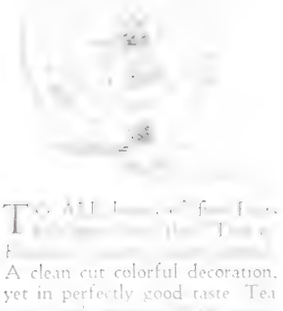
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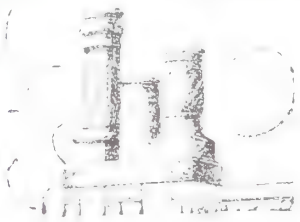
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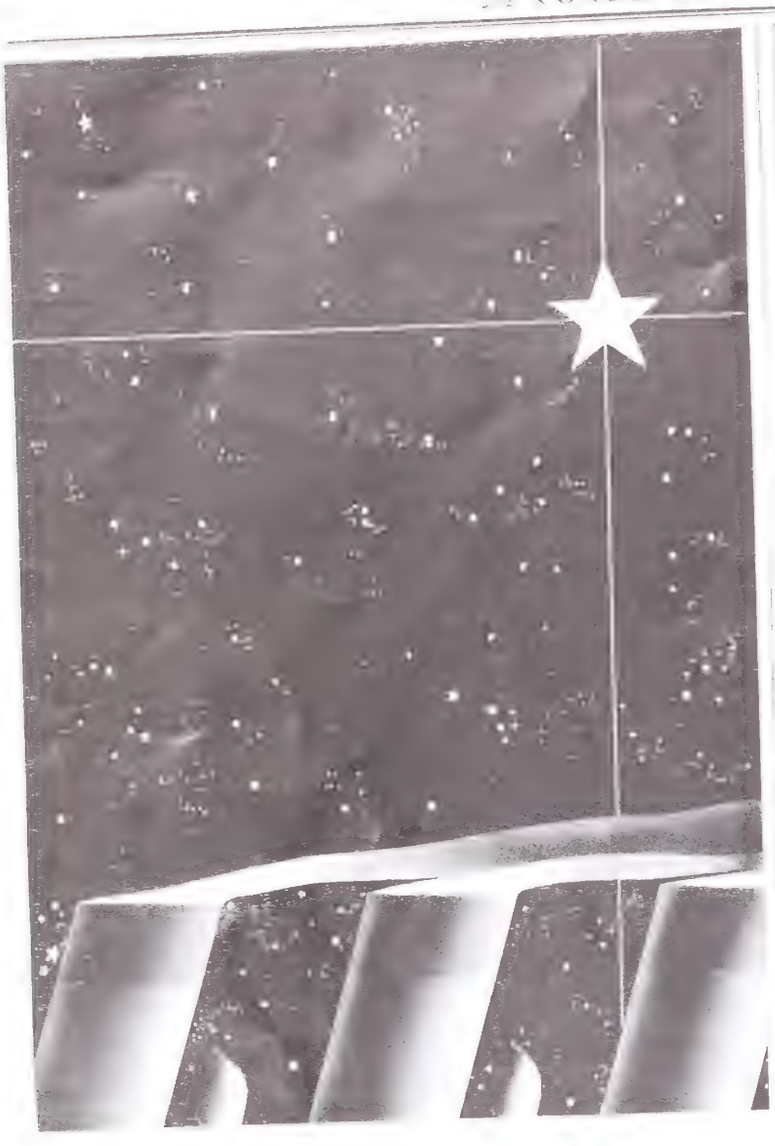
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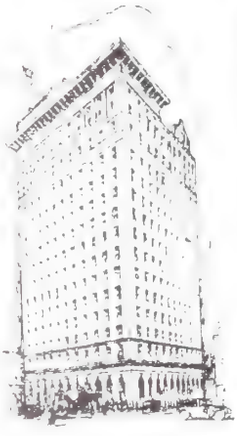
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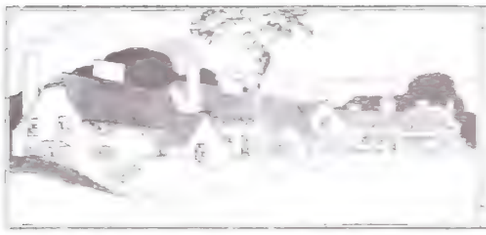


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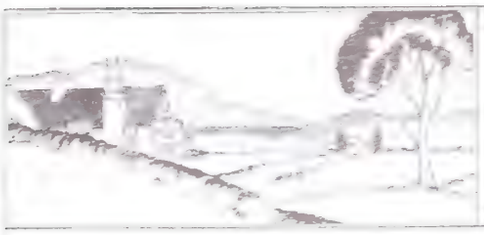
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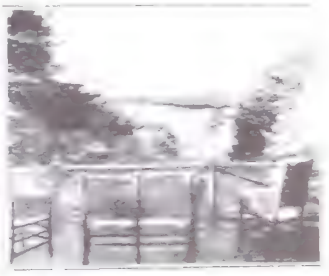
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By ROBERT S. LEMMON

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In [illegible] English Bull Terrier [illegible] of dog, [illegible] pathetic [illegible]. A [illegible] is apt enough, for the hard compactness of the dog, the [illegible] and [illegible] the perfect's [illegible], [illegible] [illegible] for [illegible], [illegible] [illegible]. But there [illegible] that [illegible] [illegible] [illegible] [illegible] the worm, [illegible] [illegible] [illegible]. Only [illegible] for it does the kindlier metal turn chilly. Then let the evil- [illegible], for a trained Bull Terrier is not man, beast or devil.

[illegible] are to type [illegible] to separate breeds, really, though both came from the same original stock. The American Bull Terrier is of coarser appearance than his white English cousin, and his coat shows more color—[illegible], [illegible], sometimes [illegible] [illegible]. He is [illegible] [illegible] dog, and [illegible] [illegible] when he [illegible] [illegible] [illegible] [illegible]. Not [illegible] often, when people use the name Bull Terrier, they have in mind the [illegible] from the American breed. For

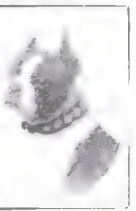
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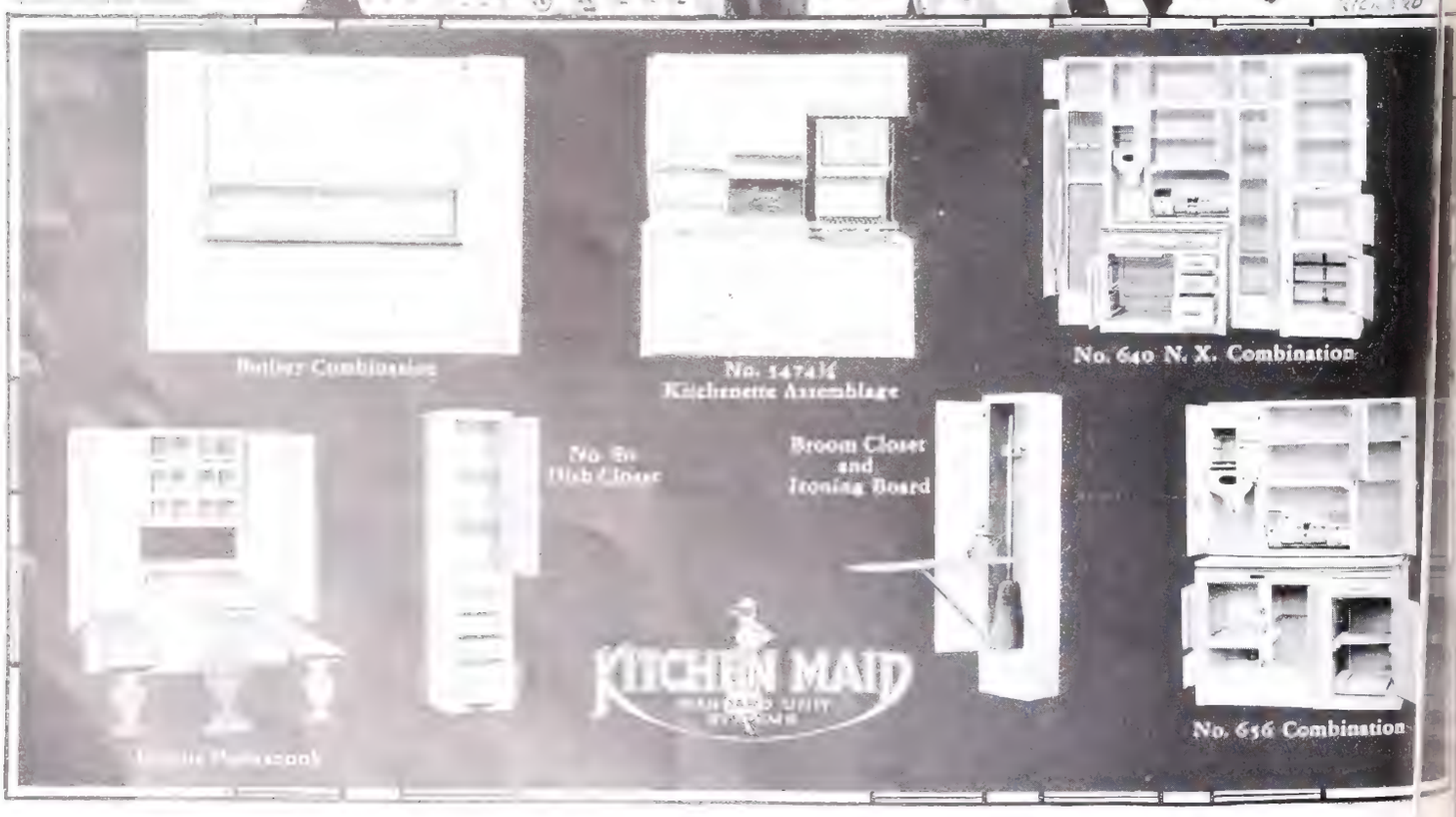
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What Your Guests Do



HOUSE & GARDEN

RICHARDSON WRIGHT, *Editor*

JUNE, 1928

...HERE i... pla... ...here in Am... it this is an outdoor ... seems, have follow... ...e habit of chang... ...two the country ha... ...ely and fashionably open-air. No ...ger dress than a healthy ... ...-tan, we count ... Guilt, ...s, tramping, ... all of these things to be found ... as just a little bit ... And gardening ... ...rain from the ... ...iter's sometimes apt terminology, ... have become ... ...ot merely flower ... ...r we have been ... ...t consciously and ... ...nscious of the loveliness with ...hich the whole garden picture is ...dered. ... ... has not that ... ... her who, ...oves leisurely among the borders ... Peonies and ... She has learned, this open-air ...man of 1928, that ... ...ng part of her ... ...ll as theory. ... ...e weather be fair, that lofty sky ...ding of white ... ...ose marvelously intricate walls of ...ving green and white, gold and ...btle pink, are as satisfying as their ...animate counterparts ... ...nd a great deal less likely to be ...onotonous. Weekly, daily—almost ...urly—they change, ...ncing, closing in, altering their ... and confusing ...

There is pleasure in dwelling in ...ch an outdoor ... ...ze. Relaxation, too, especially if it is developed. The creak of the ... ... yielded to the soundlessness of ... ...

It is our notion that there is a sort of symbolism in this strong, sure movement toward living among growing flowers. To our mind it is one of the best signs of the times, for it signifies an instinctive appreciation of Nature's sincerity and of the healing power of her processes. We set up our own petty, exacting, ... have wearied us we turn to gardens for recuperation.

Some day a philosopher will coin a paraphrase to the effect that in flowers there is strength, and it will go out into the world and make him famous.

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DIVIDING the TREASURES

Eating chocolates is a *social* pleasure. Part of the fun is exploring and dividing the chocolate contents of the PLEASURE ISLAND PACKAGE—real treasures from the Spanish Main. In the chest are a tray and two bags of loot reminiscent of the days of Black Beard and Morgan. Dividing the treasure is a social delight when the chest is



Whitman's

PLEASURE ISLAND
CHOCOLATES

The Bulletin Board

June

THE Old Fountain Days. [illegible] most of the world passes by the old familiar things, just because they are familiar. Their [illegible] loveliness is thereby overlooked, and make not the least difference.

One is particularly reminded of this by the Art of public appreciation accorded to shrubs and flowers. Sentiment aside, what can be cultivated woody plant will yield more beauty than that of the Pfitzer or the Mountain Laurel in bloom. Can the best [illegible] planted hardy border show finer color flame than glows from the Crimson-flowering [illegible] brook, or sweeter fragrance than steals upward from the hidden blossoms of the Arbutus?

There are many who kneel (and rightly) at the feet of the Iris, Peony, Pe[illegible] vated sovereigns. There is also that lesser company, happily increasing year by year, in whom familiarity with our native [illegible] thus [illegible]



ANOTHER Last Chance. [illegible] old gullible days when a Hazel wand was considered a magic [illegible] den within the earth, a diviner would have been considered quite mad if he had stood upon a great boulder and said, "Down [illegible] water in the heart of a [illegible] have been accepted at all.

And yet, striking water from rock is precisely what the artesian well drillers of New England are doing today. "From solid stone formation," they say, "you'll get the best permanent flow. Dirt and loose stuff are unreliable, but when you get into solid rock you're likely to strike a supply that never changes. The water that works through the faults in big rock masses is the stuff to get."

They are right. Once we saw an eight-inch well that had been driven to a depth of 900 feet through unbroken granite. And the flow from that single bore was clear and copious as a mountain stream. It [illegible]



FROM Warship to Bookshelf. [illegible] mous of all American sailing craft, the redoubtable old frigate *Constitution*, seems in a fair way to being perpetuated after a manner of which her builders never dreamed. She [illegible] of complete restoration at the Boston Navy Yard, and part of the expense of th[illegible] task is being met by the sale of souvenirs made from "Old Ironsides'" original [illegible] ends, ash trays, ink stands, gavel and block, walking stick—these are some of the things into which parts of the old hull have been converted. The plan has been authorized by Congress, and of it, and of the souvenirs themselves, are obtainable from "Old Ironsides," Navy Yard, [illegible]

THE [illegible] having built himself a comfortable country house, was obliged to dispose of it because he could not stand the financial strain of the hordes of visitors who descended upon him. Being within comfortable motoring distance of a great city, each weekend found his place a mecca for numerous urban friends who sought a taste of country surroundings. More than this, many of them brought [illegible] quite as a matter of course. Small wonder that the bills from the butcher, the baker and the alcohol-maker mounted appallingly.

[illegible] difficult problem. One hesitates to offend one's [illegible] surely one has a right to the enjoyment of that home which is the fruit of foresight or desire or just plain thrift. Perhaps, after all, the solution lies in the plan of that other ruralist who required every visitor who stayed for a meal or a drink to earn it by splitting wood, pitching hay or spading the garden, much as one would exact similar toil from a tattered knight of the road. Such a policy winnows the chaff from the wheat with infallible neatness and dispatch.



ARACHNE

[illegible]
And is in kings' palaces";
[illegible]
Over silver and golden chalices;
[illegible]
On silken, jeweled caparisons
[illegible]
Of Persians, Egyptians and Saracens.
[illegible]
That ancient beyond Man's measure is,
And maketh herself good sport
In the hoards of forgotten treasuries.
She broodeth on booties won
For Thais, Delilah and Vivian,
And shareth her rule with none
But the lizard, the bat and Oblivion.



THE [illegible] rooms that have recently been installed at the new Philadelphia Art Museum, it is interesting to call attention to certain usages regarding the color of interior painted woodwork that have always obtained throughout the centuries to which we are most indebted for the decorative founda-

A great many people still have the idea firmly fixed in their minds that white paint exclusively

[illegible] clusive deep salmon-rose hue, was a very fashion-

[illegible] cases, designs in green and other colors were painted in each panel on the puce background. At the same period paneled walls were not infrequently [illegible] brown was also a popular woodwork color at this

[illegible] rich greens, browns, blues, blue-green, both light [illegible] for all sorts of interior woodwork, while in [illegible] white and gold schemes, so often mentioned, were the exception rather than the rule. After about [illegible] than previously.



AND [illegible] houses in America. The great parlor at Graeme Park in Pennsylvania (1722) was painted a greenish gray and has never since been any other color. At Stenton, grays, blues, drabs and brownish yellows have been found to be hidden under later coats of white. The late 18th Century French vogue for grained woodwork was not long afterwards reflected in both American and English residences.

The early 19th Century saw a return to more varied colors, along with the graining which was really nothing more than a revival of an early 17th Century English fashion, only executed in a somewhat better manner.

In view of the modern trend towards the use of varied colors, the facts just noted have a bear-



A NOVELIST Hits the Nail. The other night, midway of George Agnew Chamberlain's [illegible], [illegible] upon certain sentiments which seemed particularly worthy of recording. "There is something inhuman," writes Mr. Chamberlain, "about anyone who has never surrendered to the universal mania for home building. Babies begin it with blocks, children follow with doll houses, playhouses and a shack in the woods, and there is no age at which an adult may not break out with the same rash. The desire to build is as fundamental as the instinct to breathe and embraces all the manifestations of the nesting urge, be it remodeling, redecorating, or even such a trifle as the rearrangement of furniture."

Therein, perhaps, lies the justification of a magazine like House & Garden.



ON A DAY IN JUNE



WHIMSICAL GARDENS OF VARIOUS KINDS

That Garden Is the Most Satisfying Whose Character and Atmosphere Grow Out of the Idealisms of Its Maker

HELEN PAGE WODELL

THE whimsical garden is a specialized garden, a thing of deep interest and enduring delight.

The garden that has the most appeal to the general public is the one of bright color, ablaze with color, every corner [illegible] at once, that he who runs may read. In these luxuriant conventional gardens the paths must be immaculate, plants well staked, each leaf and flower in perfection; but there are occasional mortals to whom a garden means not a battlefield of annoyance, blight and pesky weeds, souls to whom it means a place of rest and dreams, a setting for woodland plantings, shy blooms or long clipped trees.

[illegible] the Italian, English, French and Spanish. One may wish to complete the picture following the season. Think of the winter garden with its evergreens, rose hips, deep leaves and berries, or of the ecstasy of April and May in the spring garden and bulbs and Bleeding Hearts. Or summer time in the woodland garden, Rose garden, sea-[illegible] or Iceland perennial garden, and with autumn comes the garden of annuals,

[illegible]

[illegible] day in Dutch or Cottage garden.

Again, there is the garden of the [illegible] the perfume garden, the [illegible] fashioned garden, the [illegible] garden, the white garden, the [illegible] and the Cactus garden of the desert.

The [illegible] should be well chosen and to the point. Among the [illegible] gardens of this class that a widespread search [illegible]:

The [illegible] and [illegible] to the [illegible] or an [illegible], French [illegible] and [illegible].

The [illegible] and fountain that form



Smith



an integral part of the living room, a somewhat [illegible] example of dry wall planting and collection of well chosen rocks.

The Italian garden with its pergola, also a part of the house, a pergola from which hung [illegible] of wildly [illegible] Gourds for the first two summers of its existence until a blue Wisteria can not among the beams.

The flagged garden with its old fountain and clipped hedges, a direct descendant of the Elizabethen period modified and exceedingly beautiful.

The white garden lovely by day, a fragrant exotic phantom by moonlight.

The woodland garden, a cathedral-like arch with vaulted green ceiling sheltering an endless variety of naturalized wild plants and flowers, a bird sanctuary, and a vista to the sunlit fields of wheat beyond.

A garden around two white Hawthorn trees, the type of garden that wears so well. A garden for relaxation and rest, birds, trees and water, where the eye does not see a hundred tasks to be done, flower

[illegible]

heads to snip, plants to stake, red and magenta blooms to cull out.

The garden which saw the elevation of the Pumpkin, so delightfully original, so truly American, an experiment and a triumph. Pumpkins, decorative in every stage of development from their great crisp leaves and strikingly handsome blossoms to the fruit itself, lovely from its prickly green youth to its crowning golden maturity. Resting upon and hanging against a high gray stone wall. To me Pumpkins are quite irresistible.

After two garden visiting pilgrimages to widely separated parts of the country the richly rewarded quest for the whimsical or original gardens grew from a longing for something unique, something different. There was a feeling of too much similarity in planting and design among the varie gardens of a large group of the represen tive American homes.

Similarity of planting was most mark in the large perennial flower garden whic while running true to form, abound among rock gardens on thickly carpet slopes, often bristling with uneven sto strongly suggesting the residue of volca eruptions or a glacial deposit.

Every garden had its pool or wall fou tain. Nearly every pool was painted t vivid turquoise blue that is neverthel charming, but in the matter of figures a fountain heads there seemed a striking l of imagination or distinction. The wa for many wall fountains either trick from the mouth of a fish or drips from t moss covered lip of a drooling mask, unpleasant suggestion. Many pools cont squat ugly frogs with water gushing fr their upturned mouths, or spouting d phins, a theme so varied and often distor that at times one is almost led to expect immediate precipitation of the proverb





(Top) In [illegible] over [illegible] the [illegible]

[illegible] Hazelton trees has been created a [illegible] beds, a restful spot that wears well [illegible] ea from thoughts of pressing task







h upon the ...

The field for exquisite ... sculpture is at present very wide. Bird ...ls and fountain figures ... ght, yet in so many ... ures are entirely lacking in esthetic sense ... fitness. Imagine spending long peaceful ...rs before a pool ... ...t squeezing sparkling ... mouth of a ... king bird or animal. Humor palls in this ... as with the thrice-told tale.

When the Garden Clubs visited the ...tmeg State last spring those who stood ...anced by the ... ...tain little figure at the edge of a small ...l in a quaint Connecticut garden will ... forget that figure, a slip of a boy ...mpling the toes of one little bare foot ...inst the other in a typically tense child-pose, with head slightly inclined intently ...tching the gentle drip as drop by drop ...ter fell from out the heart of an in-...ted flower bell which was held at arms ...gth over a smiling Lily pool.

The first gardens on this side of the Atlantic were collections of flowers raised in clearings hewn from virgin forest. As civilization intruded we revelled in the stiff Canna, Coleus and Elephant Ear period and the carpet garden era. Finally we have come to appreciate again the poetry, sweetness and sentiment of our great-grandmothers' time, and old favorites with simple descriptive names that had nearly become extinct (having been dismissed as common) are now brought back to be cherished and admired in our splendid old-fashioned gardens.

Just as the collection of furnishings and hangings for a period room fascinates and intrigues, so does the construction and ... the history and example of a flowery past.

Examining the history of English gardens (for it is the English gardens which we find most adaptable) it is noteworthy that the first gardens in England were made and tended by the monks—they having the leisure by military exemption to cultivate the land. They were utilitarian to a degree, these old monastery plantings of herbs, vegetables, fruits and flowers, and their fish pools have endured throughout the passing centuries.

After the Wars of the Roses the architecture of the country changed from feudal castle to manor house and the monks no longer remained supreme as gardeners. To such as Cardinal Wolsey is accredited a love of gardens, and from being a mere collection of staple growing things gardens became as ornate as the dwellings. During the reign of Queen Elizabeth the formal type of garden and crowding of garden accessories reached its height. There were pleached alleys, labyrinths, mazes and

(Continued on page 148)

ON PLAYING AT HOUSE AND GARDE

From Childhood to Old Age the Urge of Home Creation Retains Its Firsthand Immortal Human Appeal

RICHARD LE GALLIENNE

THERE [illegible] our sadness even from ourselves—and this applies even to such honored games of the higher mathematics as chess and poker—or they are slightly disguised hygienic exercises such as golf, grimly pursued in a losing fight with the liver or old age.

All such games are abstract, purposeful, moralistic even. They are not play in that real sense of the word, instructive and rather mysterious, which applies to the pretty spontaneous gambols of all [illegible] rattle-snakes. There is no real human joy in them, no music, no dream. They have no roots, so to say; they are not vitally con- [illegible] playing with her dolls. But playing at house, at whatever age we [illegible] house—and gardens; for a house without a garden is hardly a [illegible]

The 18th Century poet Cowley—whose poetry is long since unread, but whose essays it is our own loss if we do not read—was speaking for others besides himself when he expressed his desire to "be master at last of a *small* house and *large* garden." So when we play at house, our game is incomplete unless we play [illegible] fortune to live in some old European city, such as Paris—it is not easy to play at both. Though, if we are domiciled on the top-floor, we may, in any city, enjoy one of the most fascinating gardens [illegible] will not need to be told.

AS I said above, the game of house and garden can be played at any age, and there is something pathetic in the persistence with which quite old people go on playing it till the very end, creating new homes to match their individual needs and tastes, which in the nature of things they can occupy for so short a time. Fortunately, however, such considerations never seem to trouble them, and, indeed, if we allowed the brevity of human life to influence us, very few enterprises would be undertaken at all, even by the young. In this respect young and old alike remind one of those caddis-worms which we have all seen moving along at the pebbly bottoms of shallow streams, those larvae of the caddis-fly which, for the short period between worm and fly, build themselves tiny moving houses of bits of stick and leaves and grains of glittering sand, within which they await their metempsychosis into the world of sun and breeze. The comparison is fitting also in this respect—that none of these tiny houses are alike. Individual choice has mysteriously entered into the construction [illegible]

And so with human-beings. However small the house they [illegible] building, its creators aim at "the individual note", features various kinds which they fondly dream express them and no one else in the world. If they are not able to build it externally according to their wishes, at least they can make it internally characteristic of themselves, and just as the caddis-worm selects bits of this and that from the bottom of the stream, they select from curiosity shops, and furnishing stores of all kinds, just the old oak, those old rugs, old china, glass, pewter, old prints and [illegible] which, brought together by their creative choice, result in harmony which means their home and no other home in the world.

THERE is nothing prettier than to watch young married people playing this game, unless it be to see old people living [illegible] year, with beautiful accretions expressive of their lives together, [illegible] go on for ever. And alas! is there anything more heart-breaking, more filled with "the sense of tears in mortal things", than to see the end of one of those house and garden games at which the young or old, have been playing, to watch the cosmos perfected with such loving care disperse into chaos again, as one so often [illegible] disintegration of the auction-room, all its component parts that were arranged in so fair an order suddenly torn asunder and scattered on the four winds, to become in turn the haunted material of some newer dream. Fortunately, however, [illegible] so constituted that reflections such as these have no practical influence on human enterprises. Otherwise nothing would be dreamed, and nothing done. We indulge them occasionally as we listen to melancholy music. They give a queer esthetic pleasure, and true, even to platitude, as we know them to be, we banish them with the thought equally true that for a time—however long, however short—the house is ours for us to play with together, and we go on picking up this and that to bring it nearer to our heart's desire, and we prune and plant and dig in our garden, just for the fun of it, careless as to whether we or others shall delight in the spring blossom, pluck the summer Roses, or harvest our Apples and Pears.

In this respect human nature shows that good common-sense which is one of its fortunate characteristics. Even the pleasure that endureth but for a moment is a pleasure while it lasts, and the pleasures that come of playing at house and garden have something deep and satisfying in them, which, for however long or short a time, measured by the clock, we may enjoy them, give a finer quality to "our moments as they pass" than most other pleasures and have indeed in them, in an old poet's phrase, "a relish of eter[illegible]





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RUTH DEAN

I [illegible] woman, and not without considerable justi- feel that all American institutions are best, the trick that the English have of taking certain things for granted, and we are for- and experimenting to find out just what it privacy and self sufficiency. If you are a fenced or hedged "garden" (here it would [illegible] of green lawn; and if you are not content with the whole world, you at least seem much more so than your American cousin who, oblivious to his forlorn bit of earth lying open to the uninterested gaze of the neighbors, has gone some place in the car for his Saturday afternoon.

Whether our national dissociation from the earth creates our discontent and incidentally our prosperity, and whether we are better off scooting about the countryside [illegible] it home in our gardens, I will leave for a professional philosopher to decide. But certain it is that as soon as we get money enough to enlarge the circle of our excursions we go abroad and gaze enviously on the English [illegible] his Roses, or his wealthier countryman directing the conduct of his estate casually, while we spend the perfect weekend left to our wn devices and enjoying unlimited pr acy among his vast gardens.

In America our first great way wealth came with the Victorian era of ex- pansion, a quiet and on the whole cere nious age; a horse and carriage age whe our national desire to exhibit our riche to show our neighbors our big house and lawns was not inconsistent with cor ort. Perhaps this is how the public lawn dition of treating our grounds grew ; maybe if we had acquired our mea s- multaneously with the noisy, dusty mobile we might have turned our ba the road earlier and come to enjoy t e resources of our own places sooner. N the tream of cars forever passing our makes it a necessity, and we cast ldly about for various ways of shutting hes rushing creatures out, and ourselves , to obtain a little peace and quiet.

Unfortunately, with the arrival





...ssit..., m... ...ost m... ...d materials for ... ...ut with the high wall ... protected luxury, one ... must ... some more economical ... ...omplishing our purpose. A ... ...ous will do it tolerably ... ...ired the necessary height ... ...s a cheap hedge that will do ... the summertime, and that ... ...nsive evergreen hedge ... ...ely to have cost as much as a ...ll. To the fence, then, we must ...n for a barrier, and not the sweet ...l picket fence of our Colonial ...estors, for this was not usually ...ed to do anything ... ...perty line and perhaps keep out an occa...nal dog, but to a high, closed fence of ...ne sort which will shut out the passing ...omobile and its dust, and help to make ... at places near or ... ...t or road more ... ...

A fence to be a real screen must have no ...nings, and this puts a great deal up to ... ingenuity of the architect. Near the ...se or entrance at least he is anxious to ...e something which will be harmonious ...h the architecture of the house and, ...nkly the field of possible variations in ...cing is not large. In recent years it has been widened by the introduction into this country of a French hand-riven chestnut paling fence which answers all the requirements of the ideal fence except possibly that of flexibility in architectural design, and even in this respect its character can be varied amazingly. It is a real screen in that it cannot be seen through, it is durable and economical of erection, and above all it has a pleasant way of fitting itself into the landscape. Around country acreage one need not worry about its appearance; in proximity to the house, on the other hand, ...

In the photograph on page 62 a ... has been given to this fencing by its use between brick piers. Incidentally this particular fence has been standing unrepaired for seventeen years, — ... ...ability. With a brick house of more formal character this use of the fence in panels between brick piers is a delightful one, and similarly it can be adapted to a stone or stucco ... ...mented, built of material similar to that of the house walls.

In cases where a solid fence is required the changes to be rung on the old-fashioned board fence are often successful. With a little ingenuity this sort of fence can be disguised more or less completely. In my own tiny courtyard it has been covered with trellis painted green, while the fence itself is cream and coerced into something almost French in character. Trellis strips in wide design or close can be made to vary the board background and disguise the somewhat homely foundation in a very satisfactory manner. The one drawback to

(Continued on page 158)





WOODEN DOORS FOR GARDEN ROOMS

be repeated in the

of bare rock faces

with white palings this type of

itself, with a roof

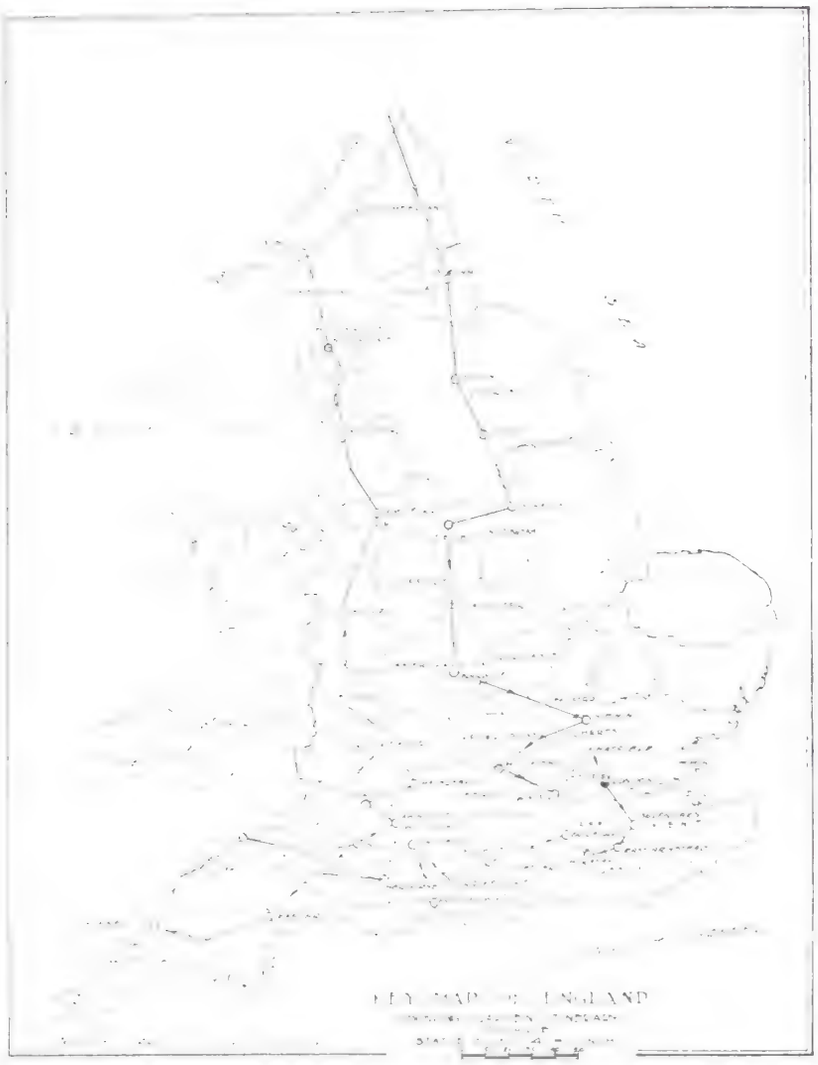








desirable for gates, this
center opens to receive a



KEY MAP OF ENGLAND

A SUMMER TOUR OF BRITISH GARDE

CAROL H. LAWRENCE

P. M.

REMARKS

gardens. Plant material well labeled.

HOTELS & RATES

best. Gardens good.

P. M.

Always open.

REMARKS

HOTELS & RATES

Dorset Arms, East Grinstead, Sussex.

P. M.

REMARKS

Ightham Mote is perfect architecturally. Gardens very small.

HOTELS & RATES

Royal Crown Inn, Sevenoaks, Kent.

REMARKS

...tall Gardens are especially interesting ...
...ultanist. New rock garden and ...
..., nine
...nist Manor has a typical ...
...lwin Lutyens. Detail exquisite ...
...ace charming old house and ...
...ithell is also worth some time.

HOTELS & RATES

...Inn, Horsham Street ...

...

A. M.

...ick Place, Horsham Street, Guild ...
...S. O.

P. M.

...Hall, Guildford ...
...etter of introduction ...
...ap Wood, Godalming, Surrey. O.—Thachery ...
...Pen-Ballard, Haslemere ...

REMARKS

...Park ...
...Mansion, Midhurst ...
...

HOTELS & RATES

...Park Inn, Shalford Park ...
...

A. M.

...Place, Horsham Street, Guild ...
...A. ...

P. M.

...Hall, Guildford ...
...

REMARKS

...Park, Midhurst ...
...

HOTELS & RATES

...Park Inn, Shalford Park.

...

A. M.

...ick Place, Horsham Street, Guild ...
...S. O.

P. M.

...Hall, Guildford ...
...Pen-Ballard, Haslemere ...

REMARKS

...Park, Midhurst ...
...Manor ...
...ompact, intimate gardens.

HOTELS & RATES

...rd Park Inn, Shalford Park.

...

A. M.

...ick Place, Horsham Street, Guild ...
...S. O.

P. M.

...Hall, Guildford ...
...Pen-Ballard, Haslemere ...

REMARKS

...Park, Midhurst ...
...Manor ...
...ompact, intimate gardens.

HOTELS & RATES

...rd Park Inn, Shalford Park.

...

A. M.

...Place, Horsham Street, Guild ...
...S. O.

P. M.

...Hall, Guildford ...
...Pen-Ballard, Haslemere ...

REMARKS

...Park, Midhurst ...
...Manor has a typical ...
...arden.

...

HOTELS & RATES

...Hotel, Winchester. Recommended ...
...Very suitable Inn.

...

Cathedral, town, etc.

...

Through New Forest.

...

HOTELS & RATES

Ye Old Tea Shoppe, Brockenhurst, Hampshire. Lunch

...

A. M.

...

...

HOTELS & RATES

...

...

A. M.

...

...of Pembroke ...

...

Radnor. House open Wed. 2 - dusk (free). Write owner ...

...

...tensive park. Small parterre gardens.

HOTELS & RATES

...

...

...England.

HOTELS & RATES

D'Arcy Hotel, Sherborne, Dorset. Pr. day.

...

A. M.

Poet's Manor, Poet's Corner, Sherborne, Dorset. O. ...

...

REMARKS

Poet's Manor is an interesting ... Terrace Gardens incl...

...

Digby Hotel, Sherborne ...

...

A. M.

...

...

...stonework particularly interesting.

...

...Inn, Dorset ...
Highly recommended

...

...

P. M.

Town, Cathedral, etc.

...

HOTELS & RATES

Hotel Imperial, Exeter.

...

...

HOTELS & RATES

...

...

A. M.

...

P. M.

...

HOTELS & RATES

Hoops' Inn, Horn's Cross, Devon. 13/6 without lunch
Old thatched Roadside Inn. Very Good

...

REMARKS

Through Bideford, Barnstable to Lynton.

HOTELS & RATES

...

...

A. M.

...

P. M.

Doone Valley.

...

HOTELS & RATES

...

...

Local walks.

...

...enic country ...

HOTELS & RATES

Cottage Hotel, Lynton, Devon.

...

...

REMARKS

Dunster Castle is a very old medieval castle which dominates the picturesque village of Dunster.

HOTELS & RATES

...

(Continued on page 152)



DESIGNING A DRIVE

CARL STANTON

THE landscape architect's work includes remodeling and reconstruction of old estates as well as the designing of grounds about new homes. Probably there is no one feature on an already established estate which the architect finds to be quite so universally incorrect as the driveway.

Every house-lot carries its individual requirements for the best development of its beauty. Although apparently a very simple problem on small house-lots, and seemingly comparatively simple on estates of even many acres, the driveway is highly capable of being unaccountably detrimental factor in the beautifying of the grounds.

Rarely, indeed, can the average drive be said to add even slightly to the ornamentation of the home. Some few, it is true, designed with great foresight and good judgment, are made to lend themselves in subtle ways to furthering the beauty about them. Cleverly their lines are used to draw the onlooker's gaze to some distant vista—or perhaps away from some unavoidable eyesore.

Personally, I have a great dislike for what might be termed the "sophisticated" driveway, with its hard, bare surface of inharmonious color. I see no beauty in the drive of crushed bluestone or slate. In rare instances where

lines must be properly sloped



grades are unduly steep and wash results after storms, some rock and material as tar is certainly unnecessary in this instance, but I would exhaust every other solution of the problem that seems at all feasible before I would resort to such unsightly road material as tar.

Good gravel, properly used, is the least unsightly of any practical road material. The darker its color the better it blends with the greenery surrounding it.

I find that the longer approaches which strike my fancy, which bring back to my mind the pleasantest pictures, are those that are more or less—well—perhaps untidy. That is, if they run through woodland they are coated with Pine needles and leaves; perhaps a stone or two juts slightly through the surface; even a broken tree limb may lie along the gutter. Where my ideal drive crosses a meadow, there may be nothing but two wheel tracks showing through the grass—a good, hard surface, with the unsightly exposure dimmed by the blending influence of grass and Pine needles.

Where will you find the beauty of the road itself—in the back country districts where narrow, twisting lanes tunnel through overarched branches, or in the sections where State highways are flung straight and level across the countryside?

Many times the landscape architect who is called in to re-plan a driveway will find that its present design is all that could be desired

GARDEN COLORS FROM FROST TO FROST

How to Succession of Blooms Through the Spring, Summer and Autumn Months

H. STUART ORTLOFF

To [illegible] but, like most aims, it is not always easy of achievement. This is not because it is really difficult, but because we fail to plan carefully beforehand our effects of color combinations, succession, balance, and the like.

Of course, there are times when we may lavish all our attention on some such hobby as a Rose or rock garden, or one designed to be seen during a single season, such as spring or fall, but the large majority of us are keenly interested in a single border or garden and strive to have it at its best for as long a time as possible. Unfortunately there are few plants which bloom continuously from early spring until late fall, and most of these few are hardly fine enough to be given prominence in our gardens. It follows that we have to rely on combinations and groups of various plants so that one will be in readiness to carry on when another has finished. Our lists of available plant material are now sufficiently varied that they allow us to make the most of such an idea.

The making of a planting plan is the first step we should take toward gaining succession of bloom in any garden. This plan should be made carefully before the garden is planted, for it is much easier to shift plant names to and fro on paper and thus work out a pleasing arrangement than it is to move the actual plants about in the garden. In arranging our groups we need to be familiar with the time and duration of the blooming season of the plants we are to employ. For convenience we may divide the garden year into several sections, such

or if we wish to go into the matter more thoroughly we can have spring, late spring, early summer, summer, early fall and fall.

ings list the names of the plants blooming in the particular period, all rem

over from the previous p into the next period, thus giving us more and more

[illegible] graphically the method of grouping plants according to their period of bloom in such a way as to have a well distributed color mass over the entire garden from early spring to late fall. A mass of color in every spot in the garden throughout the entire season is almost an impossibility unless we employ a staff of gardeners who can continuously take up and replant from a nursery, but if we take care to distribute our plant masses well according to the various blooming periods we can quite easily have

garden at all times.

Spring color of course depends largely upon the bulbs such as Crocus, Narcissus and Tulips. These are planted in the fall throughout the bed or border between the perennials in long drifts or small clumps,

to be protected against disturbance when we cultivate during the summer. Bulbs have

for the reason that their indication in the limited space would have complicated the drawing unnecessarily, but we will take it for granted that they are there, and for the most part concentrated near the front portion of the beds where they will quickly catch the beholder's eye and will give a good splash of early color.

There are also several early blooming perennials which make a pleasing contrast when interplanted with bulbs. Most of them are low growing and spread into dense mats of foliage surmounted by lovely blossoms, and yet the bulbs thrust through. Among these, Evergreen Candytuft (Iberis), Goldentuft (Alyssum), Aubrietia, Rockcress (Arabis), and the Dwarf Iris (*pumila* and *cristata*) serve excellently as edgings along the paths. Columbines, Globeflower (Trollius), Greek Valerian (Polemonium), and Bleedingheart (Dicentra) are taller things belonging to this spring section, and are well suited for the middle ground of the bed.

After the bulbs and very early perennials have delighted us along come the host of named varieties of Iris and Peonies together with Garden Heliotrope (Valerian) and the Lupins. The Peonies and Iris really belong to late spring or early summer, for the varieties can be so selected as to stretch over a very long period.

The summer section is also an elastic one, for it is difficult to say definitely when it begins or ends. During the month of June everything seems rushing into bloom and the whole garden is a mass of color. Gardening for color succession seems a little out of place to us at this time, but on the other hand July with its intense heat and dry spells causes us to be careful in our selection so that we may have varieties present in our groups which will withstand these rather difficult conditions.

Of course June is rightly considered the month of Roses, but in the average perennial garden we hardly use these beautiful flowers, for they are worthy of, and in fact demand a special place of their own where they can receive the pampering they need. The many varieties of Bush Roses, the Ramblers and the Climbers may be used however, for they are excellent as background material. The taller perennials which bloom at this time

(Continued on page

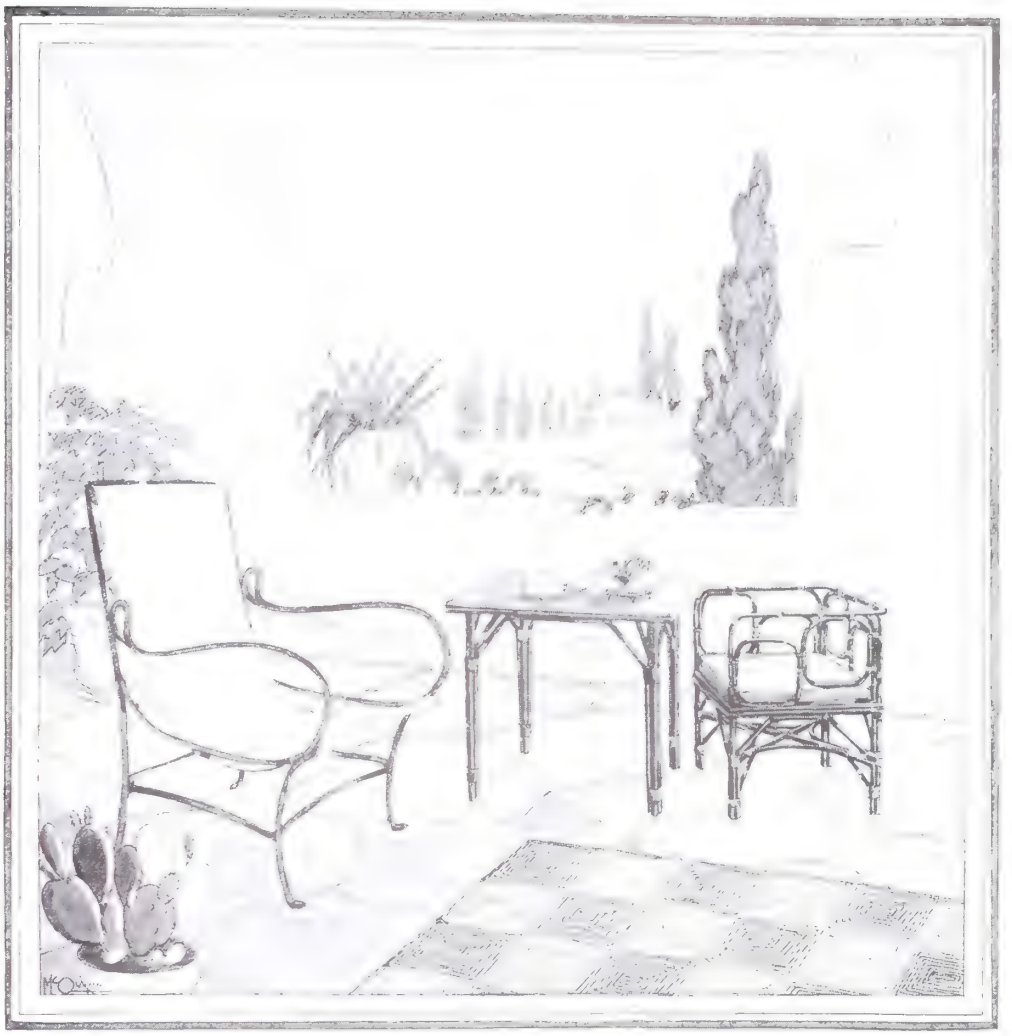


table and chair are in lacquer red and the

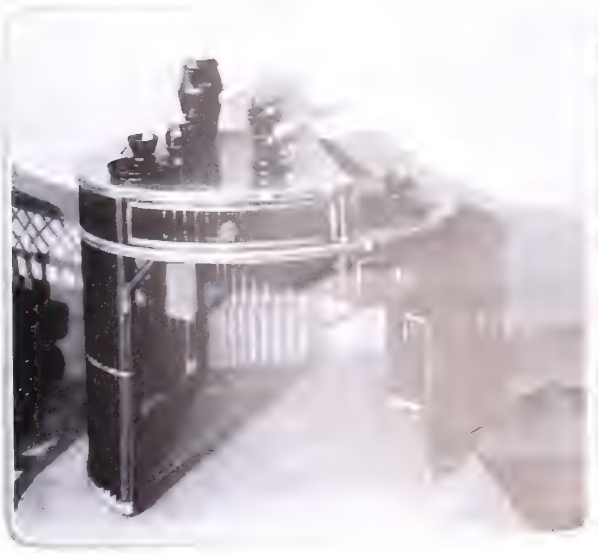
FURNITURE FOR PORCH, GARDEN AND TERRACE

desirable for its novel color scheme. It is in cranberry red, green and straw

The current trend in furniture is re-
and book stand below. They are of natural colored stick willow with stripes in











polished steel. Cour-

The simple lines characteristic of 20th Century furniture are apparent in the
modernistic in pattern. The Reed Shop







FOR ROOF

OR TERRACE





The garden vase below, with its pleasing



with wheels so that it may be rolled to any desired spot. It is fitted at the back with cushions covered in rattan.









THE FLOWER SHOW AND ITS SIGNIFICANCE

Two of This Spring's Important Exhibitions and the Tendencies Which They Clearly Demonstrated

ERNEST H. WILSON, V.M.H.

Keeper at the Arnold Arboretum

THE flower [illegible] gardening world. It registers the [illegible] in the development of flowers, [illegible] and [illegible] of the [illegible] at horticulture in epitome. Still [illegible] in Holland [illegible] England, [illegible] was called "cold and [illegible] is a sporting, healthful form of recreation; also it [illegible] ing of interest and a higher standard of quality. The [illegible]

Truly, if we are content [illegible] Northern [illegible] er shows, we are entitled to [illegible]

come of age. So far as quality is concerned the exhibits compare very favorably with anything to be found elsewhere in northern lands. Europe has had the advantage of many centuries but America has now come to assume horticultural manhood with all [illegible]

Now, a flower show in itself is a very pleasant thing. Plant growth of multitudinous form, blossoms in rich variety, fragrant and of enchanting colors, foliage in endless shape and size all gathered together under one roof represent the vegetable kingdom in miniature. But wonderful as they are, it needs something more than mere wealth of plant and blossom to make a flower show. Arranging them so as to form a harmonious whole calls for imagination and demands the highest artistic skill. The artist, designer, cultivator, all play a part in the making of a flower show.

If one's memory goes back twenty-five or thirty years and makes comparison of the exhibits of then and now is made an astounding difference is shown not alone in the character of the exhibits but in the manner in which they are set forth. There has been a vast improvement in both fields. The exhibitor today displays great artistic skill in de-



A feature of the New York Show was a Tulip garden backed by an antique arch flanked by heroic figures. Exhibited by John Scheepers



...ing his work. In ... profession ... is a ... t, even lead—by the artistic imagination ...ctically applied by enthusiastic lady ...mbers of the various garden clubs. The ...wer show of today gives the ladies an ...portunity which they have eagerly seized ... display, not only their love for flowers, ...t their ability to set them forth in the ... most ... ...nner.

In March of this year it was my good ...rtune to visit four spring flower shows, ... came about fortuitously, as is often the ...e, and the pleasure derived was, perhaps, ...ater thereby. Three of the shows may be ...led metropolitan since they were held ... the chief cities of three great States. The ...t I visited was provincial, being held in ... town of Wayland, ...assachusetts, where the ...rageous local society has ...t completed building for ...lf a splendid little hall ... cost of $60,000. ...e opening of this new ...me was celebrated by a ...wer show. The floor of ... main hall was devoted ...irely to a spring garden ... which, of course, bulbs ... variety dominated the ...ne. This group was a co-...rative one—three or ...ir people combining for ... ...lent practice under such ...cumstances and proof of ...w much the mutual love ... flowers can do to set self ...le and promote the gen-...l good of horticulture. The second flower show ... Horticultural Society's halls were filled ... not be excelled anywhere. One such exhibit was an English spring garden which occupied the whole end of a large hall. Falling water spanned by rustic bridges, seats here and there, and a summer-house to complete the scene. Broad paths of excellent lawn grass of rich, delicate and refreshing green divided beds of Tulip, Hyacinth, Narcissus, Iris and a host of other brightly colored spring flowering plants. Another group consisted of a hundred or more large plants of feathery yellow blossomed Acacias in variety which transformed the upper end of one hall into a gorgeous spectacle of fragrant yel... Wattleblooms on a similar scale.

A feature of this flower show was the various garden club exhibits designed, arranged and set up by the ladies themselves. There were several more than ordinarily meritorious gardens displayed and one, a 16th Century garden, was perfect in every detail. Only flowers of the particular period were used. An old stone wall and an interesting gateway of wood were splendidly reproduced. At one end on a fence flowering Peaches were espaliered.

New York's Fifteenth Annual International Exhibition was the next mecca. ... can one paint the picture of this wonderful exhibition? Three floors of the vast Grand Central Palace were filled with the finest material that the skill of expert, gardener and florist could provide. Holland never saw finer Tulips, Hyacinths and Narcissi than those displayed.

The public's appreciation of this annual feast of flowers was shown in the overwhelming crowds that thronged the aisles from ...



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MAKING A ROSE GARDEN



HERE AND THERE IN THE GARDEN

Sweet Lavender and Pinks, Old Roses, Three Fine Irises, and Queen Elizabeth's Foxglove

LOUISE BEEBE WILDER

SWEET LAVENDER [illegible] OLD World gardens. We [illegible] are without these fragrant herbs.

Native of the countries bordering the Mediterranean, they are not hardy in the [illegible] would probably live out in Virginia and [illegible] der if given a well-drained, sunny and sheltered situation and protection in winter. [illegible] home the Lavender bushes stood four feet high, and in my old Rockland County garden a narrow border of Lavender [illegible] such borders might well adorn our southern gardens. [illegible] delicious and the China Pink [illegible] until after Thanksgiving. The narrow-leafed Lavender is hardier than a kind with wider leaves, and the dwarf Lavender seems to be the most enduring of all. This I grow in the rock garden where it is very effective. This dwarf Lavender, which may be raised from seed, grows delightfully in the crannies of dry walls, and in such positions, where it is safe from winter damp, it is extremely hardy. There is a white-flowered Lavender, a gentle and lovely thing, but too tender for any but a mild climate. My best success with Lavender has been when it was planted in very [illegible]

[illegible] June is the month when Pinks of all sorts abound both in the rock garden and in the borders. The greater number of them flourish and perfume the air in a manner to [illegible] few of the Pinks is such as to give ris to the above characterization.

On the decidedly friendly side is *Dian thus squarrosus*, that seems very little known Its home is said to be "somewhere" in south ern Russia, where it grows in sandy, sunn situations. It is a very good species. Its ma of narrow, stiffish leaves is green, and th flowers, borne in twos or threes on slende stems, are white and daintily fringed. pink form of it also exists. *Dianthus squa rosus* is easy enough to grow provided i need for free drainage and sunshine is re garded. Here it thrives on a south-facin slope located in the rock garden.

There is also *Dianthus deltoides alpi* growing under Mr. Lown's magic sway. do not feel kindly toward it, for though a quite lovely thing, its behavior in c tivity leaves much to be desired. It is mo undecided than the rose-colored type and fear moraine treatment is what it pines fo

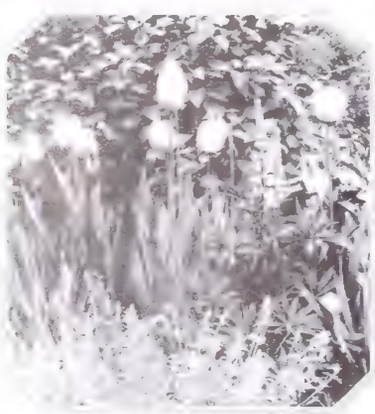
According to precept fr drainage and a peaty soil sun should suit it, but und these conditions faithful provided I must confess have lost it more than on Certainly it is a subject t the keen and careful ga dener, who must posse among other desirable qua ties, patience and insig

AZALEA VASEYI—O country is quite richly e

In the early spring [illegible] Azalea vaseyi [illegible] a multitude of shell-pink, fluttering blossoms







[illegible] Tulip and Nepeta mussini are the best of [illegible]



ked with lovely
aleas, and among
em few are more
irable than *Azalea*
is, that is covered
arly spring, before
leaves appear, with
multitude of shell-
ik fluttering blos-
ns. In autumn the
liage turns a fine
mson color and the
le shrub is again a
ndidate for admira-
n. It is one of the
st Azaleas to open
flowers and is per-
tly hardy. A plan-
ergreens is certain-
a lovely sight.

t suffered encoun-
s with Lilies when
dly discomfited.
heold Herring Lily,
oneembarrassment,
o timid in their color
edilections to en-
y its valiant hue-
niably disposed to-
ard life in the gar-
n beds and borders,
d it is quite able to
metimes a little
ore, among the
ardy, pushing in-
abitants thereof. It
e bulbs soon increasing to large thrifty
he rich orange-red color of the Lilies is
fine foil for light-colored Delphiniums,
pecially those of the graceful Belladonna
pe, and a riot of fluffy white or creamy
eonies and Herring Lilies is a brave sight
a June day. The bulbs of *Lilium*
umps of them in the borders or against
e shrubbery are a rich addition to the
rly summer garden.

IRIS CHRYSOPHYLLA—How
those intriguing Irises from our Nor'-
est in which eastern gardeners are begin-
ng to take a strong interest. This one is
rowing for Mr. Lown in the gritty, well-
rained soil of his rock garden and appears
be in splendid condition. It is a dwarf
ith snowy white flowers and its native
me is in Oregon.

GOOD NEIGHBOR—Lupines
Tulips and the Silver Mint, *Nepeta mu-*





soil in Mr. Lown's

tella, are uncommonly lovely in each other's
ty. Both Lupines and Tulips have a
ide range of colors, and whether one
chooses pink Lupines and lavender Tulips,
blue Lupines and cherry-colored Tulips, or
some other combination, the Silver Mint
provides a delightful setting, and its con-
trasted bloom and soft freshness distract
regrets from the untidy passing of the
Tulips when their day is done. The Silver
Mint goes on blossoming well into July,
and when it is finished a light clipping may induce it to another display. Its foliage is always beautiful, and pink Zinnias may be used to take the place of the departed Tulips behind its spreading silvery masses.

A coarse and undesirable imposter is frequently sent out in
nantha. It has some of the characteristics of the true plant but
has a most evil smell, and becomes shortly a pernicious weed, difficult to eradicate. Cats
in its terrible stench. It must be, I am sure, the true Cat Mint. It should not be given space in any garden.

A word of warning should be spoken regarding the cutting away of old matted masses of Nepeta stems and leaves in the spring. If this is done too early frosts and sharp winds are very apt to injure the
and the plants may quickly be lost. All danger from frost should be well past before last year's growth is cut away.

A LOVELY OLD ROSE—Each year when
with the beauty and fragrance of an old Rose which has grown in my garden for more than twenty years. It is the climbing Tea Rose Gloire de Dijon, first introduced in 1853. We are not accustomed to think of Tea Roses as able to withstand the severe climate of our Northern and Middle States, but Gloire de Dijon is a sturdy member of its race and endures cheerfully if given a southern wall or lattice to clamber against and ordinary winter protection. In Maryland and southward it would be perfectly safe in any position.

The blossoms, which have the true Tea scent, are large and flat and irregular in shape, many petaled, and the color is a delicious blend of pale rose and old ivory with a glint of copper at the heart. It is the first Rose to bloom, as a rule, and it has the endearing habit of blossoming with



LANDSCAPING PLANS AND UPKEE

In Drawing Up the Design of the Grounds A Clear Knowledge Of the Future Care Is Important

NAOMI SWEET and ADOLPH MEYER

lawn is allowed to sweep away from the house in a beautiful stretch of velvety

bery and flower beds. A clear lawn surface also insures relief from the tiresome work of hand trimming around the edges of numerous flower beds, or possible destruction of

Of what material will the walks through

One oft-repeated error is the laying of gravel paths throughout the lawns, commencing a work of destruction that begins with the clinging of gravel to the soles of the shoes and continues when it is next dislodged on the lawn to perform the

the delicate green leafage and ruining it completely. Even then the innocent appearing gravel has not ceased its program of destruction, for even a small bit left on the shoes will be carried into the house to work havoc with hardwood floors and fine rugs; with its final vengeance the ruining of the lawnmower by constant grinding.

Modern landscape architects confine gravel paths to woodsy type gardens in natural wild growths. For walks through the lawn they favor the more practical picturesque little flat stone or concrete stepping stone type padded between with velvety green turf which is quite easily trimmed with the lawnmower.

It is a serious mistake to decorate wal along the lawn with borders of rocks single bricks laid in zigzag borders of forty-five degree angle, not only becau of additional labor and expense in keepi the lawn trimmed, but perhaps more i portantly from an artistic standpoint. A such existing mutilations should be remov entirely in order to permit the lawn grow right up to the walks.

Taking for granted that the gra walks are suitably located, the problem upkeep figures chiefly in the matter keeping the weeds from making th appearance. Almost never is this probl permanently overcome.

Rock salt, when properly used, is v effective in killing off weeds, but an sufficient amount has the reverse effect actually nourishing them instead. A g preventive may be applied during the c struction of the rock beds, which sho

(*Continued on page* 150)

A LITTLE PORTFOLIO of FRENCH INTERIORS





devoted to period interiors in Paris. Above is an 18th Century living room in

chintz. George







...curtains and valance are old ...



...the colors found in the Di...



MODERNISM IN THE HOM

Some of the Famous Masters of Twentieth Century Decoration Show

the Right for Old Period Style

JULIAN BERNHARD

The necessity for this difference is qu
obvious. To be arresting, an exhibition
interiors must be radical and dramatic.
has to emphasize the departure from trad
tion rather than the relationship. It mu
show a new idea in full strength and wit
out compromise.

Since no one lives in these exhibiti
rooms, no consideration is necessary in r
gard to restfulness, comfort, subdu
colors, wear and tear and practicability
the furniture that is used.

(Not even the designer himself, acco





to my experience, uld desire to live in a m of this sort.)

These characteristics d true not only for ex- tions but for the deco- on of night clubs, ers of theaters, interiors steamers, show rooms or uty parlors. Here people not actually live. They d only endure their sur- ndings for a short period of time. People who frequent night clubs come re to be exhilarated. They are seeking nulation and exciting atmospheres. Noth- serves them better than the many possi- ties offered by the abandonment of dern creations. All the wild exaggera- ns and child diseases of the turned-loose yists contribute pleasantly to the punch is hoping to find in such places. We d

families, in contrast with the exhibition, the night club or the show room, must be looked at from quite different angles.

A good interior cannot be the self-expression of the artist but must be the combination of the self-expression of the artist and of the owner who is to live in it.

for a comparatively long period of time.

It has to be restful, intimate and comfortable.

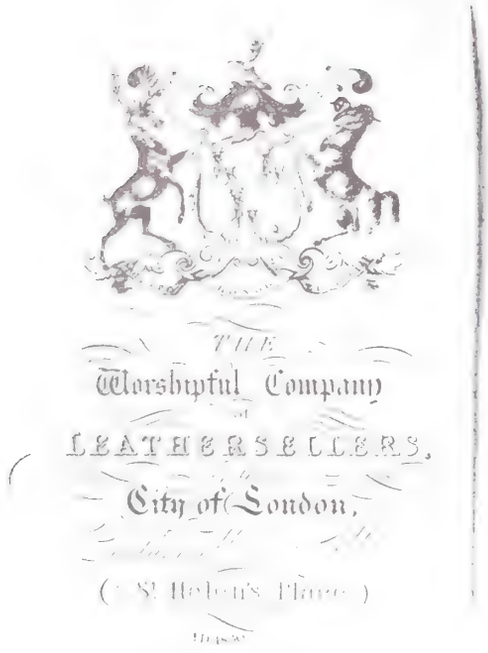
It has to suit not only the gay hours but all moods.

It has to please not only one member of the family but all of them with their varying outlooks on life.

Here comfort is more important than style, practicability more than effect. A less smart member of the family must not look ridiculous and be made to feel uncomfortable and out of place, as he certainly would in an ultra-modern exhibition setting.

The rooms should not be exciting. We do not want them to cry out, "Look how modern and clever I am." We want them

(*Continued on page* 114)



Bookplate used by the library of "The Worshipful Company of Leathersellers of the City of London." This company was founded in the time of Richard III

TREASURES IN ORNAMENTED LEATHER

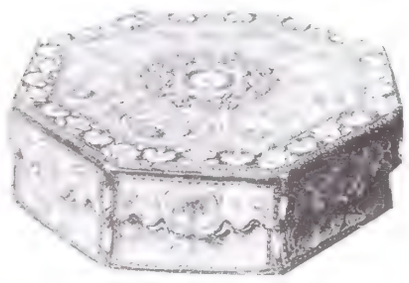
From What Lay Spain of the Middle Ages Came the Art and Craft of Leather Decorating

GARDNER TEALL

WHEN [illegible] people are now interested in the work, and it is the height of fashion in Rome, Naples [illegible] art in leath[illegible] had interested "all important people," and in Spain first of all, as it is Spain that was its cradle-land in Europe.

The art of decorated leather came from Africa into Spain at some [illegible] before the decorated leathers of [illegible] brated throughout all Europe, [illegible] the names used by the Spaniards [illegible] a name derived from that of the [illegible] wisdom, [illegible] brought [illegible] leather of [illegible] painted, [illegible] hangings stretched back of those he had ordered for his new dining room.

[illegible] walls, tables, [illegible] and the mantlepieces, [illegible] altar-frontals, etc.) were [illegible] and reached the height of [illegible] in beauty and craftsmanship.



[illegible] Museum [illegible] Metropolitan Museum



By the end of the Middle Ages t[illegible] *guadamacileros* of Cordova had come [illegible] occupy an extensive quarter in the c[illegible] known as the Ajerquia. Seville, also, w[illegible] not far behind Cordova at this time, f[illegible] the industry in decorated leather had ea[illegible] spread to other Spanish cities. There [illegible] Seville the leather-workers occupied alm[illegible] an entire street, the Calle Placentin[illegible] Other Spanish cities produced notab[illegible] leather: Lerida, Ciudad Real and Valla[illegible] lid, in which last city the art was bei[illegible] carried on when Columbus died there [illegible] 1506. From Spain the craft of the *guad[illegible] macilero* traveled to Italy and to Flande[illegible] and it is most probable that from Fland[illegible] it finally came to reach France.

So precious was decorated leather h[illegible] in those times that the Spaniar[illegible] in the 12th Century, conside[illegible] it fit as tribute. When Alfonso [illegible] presented the town of Castro [illegible] los Indios to the Cathedral [illegible] Leon, he fixed the tax to be p[illegible] at 200 sueldos, a fine hide, [illegible] two *guadamecis*. Indeed, d[illegible] rated leather was then held a[illegible] gift particularly fit for P[illegible]

(Continued on page 108)

Crudely ornamented Spanish 16th Century coffer. Back hinges and key-plate are of iron bolted on the leather



Leather [illegible] with [illegible] and [illegible] gold. Made by Thomas [illegible] of London [illegible] the 17th Century. The Metropolitan Museum of Art



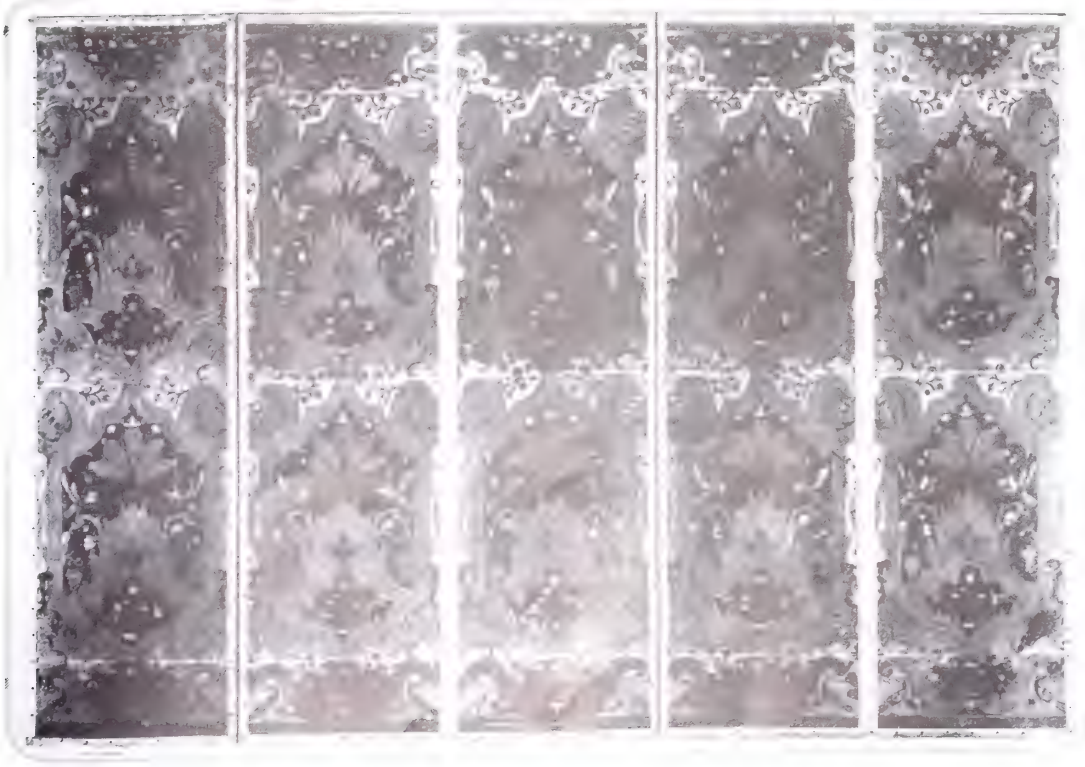
[illegible] colored birds of different kinds and [illegible] separate leather pieces





Century piece from Germany. The [illegible]

Flemish early 18th Century five-fold [illegible] separate leather pieces







Dutel, decor'



GAY PAPERS
OR COUNTRY
ROOMS







FROM
THE WOMEN
DECORATORS'
EXHIBIT





The [illegible] room repeats the dressed note in the [illegible]. It is mahogany on English 18th Century lines, the overstuffed pieces being done in green antique damask and colorful needlepoint. At the left of the fireplace is a comfortable chair which is covered in old brown leather

On the [illegible] formed by [illegible] and [illegible] Williams, Wickham [illegible] is formed by [illegible] the [illegible] and [illegible] of cream colored [illegible]



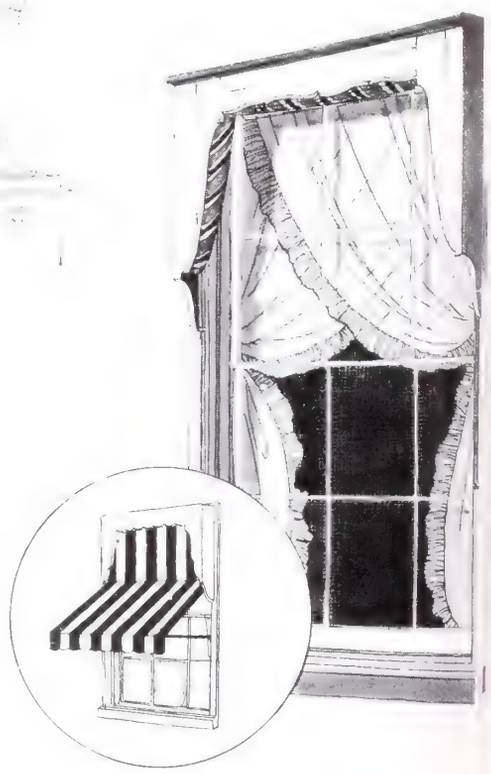


(Left) An interesting example of the personal touch in awnings for a country cottage called "The Arions". The awnings are striped in blue and red and ornamented with a stencilled design of brilliant buds



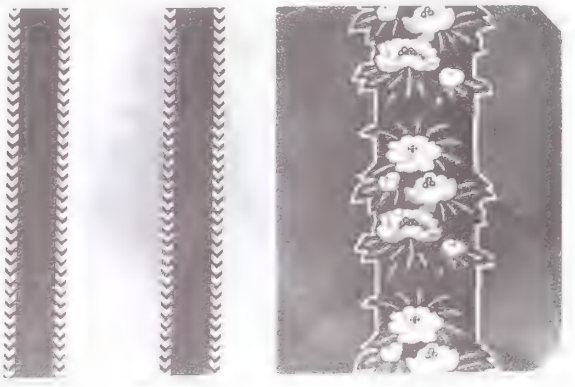
(Above) An awning for a [illegible] has a lead [illegible] under [illegible] to rods at the bottom so that [illegible]

[illegible] usually protected by a decorative awning board. When the reveal is not deep enough to permit [illegible] flush with the [illegible] projects as shown [illegible] at the right





The new awning material is extremely practical as the patterns are woven in place of being printed. Above is an effective treatment for a Spanish house using this type of fabric. Awning stripes from the Reed Shop



(Far left) Weatherfast awning material with printed modernist pattern of blue stripes outlined in black and orange. (Left) Material drawn in reseda green with stripes in green and blue. Lang & Stanley



MAKING THE AWNING MORE DECORATIVE

awning of shaded stripes running horizontally and finished [illegible] is shown at the right. Awnings designed by Harry C. Richardson





A TERRACE FOR SUMMER COMFORT



AN ARCHITECT BUILDS HIS HOUSE

All About It and Its Achievement

ALFRED HOPKINS

HE high cost of living has caused values to rise to such a degree that ensive investigation with respect to nomies certainly seems warranted. I ite particularly of building. Building ts have mounted so far that the price of lter is now anywhere from 100 to 400 cent higher than it was before the war. ne good old days when one could build ne sort of a house for his art and ldren under ten thousand dollars seem have gone forever. Every present eco- mic condition serves to emphasize the th of this stubborn fact.

One day early in the rry month of May—not many Mays ago—I fell o pleasant retrospection, elling over moments in the n distances of other years, thought came to me that ad built many times for ers; never once for my- f. The old shoemaker's fe I seemed to be. If I was r to build it was time to so now. Rather than go France for the summer, was my custom, why ould I not stay at home d build a house instead? I had been flirting some- at with a little hill in nnecticut, having lived rby for a summer. It was a pleasant little hill with an outcropping ledge of rough brown rock, and here and there grew tall, slim cedar trees. On the top one found a fair prospect and a place where the cool breezes blew in summer, and the sun was bright and warm in winter. And the slope went off to the south, the perfect point of the compass. It was easy to see where a house might go and the thought of building one there was ingratiating.

I found me a piece of paper (I always have a pencil) and started to draw a plan. I began to draw the plan before really knowing what I wanted—that little hill had become all at once so very convincing. "But let us see what we do want," said I. "Let us be practical in our own concerns if we cannot always be so in those of others." So I ruminated somewhat in this humor. "Well! There must be a living room with a high ceiling and panels of old English strapwork. There shall be in the living room two beautiful, big bay windows, one looking toward

(Continued on page 116)



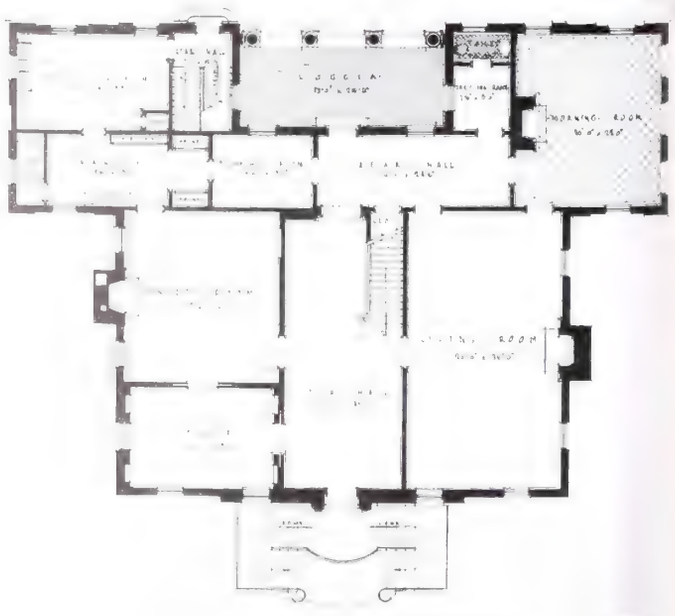
Over the entry porch is a sleeping porch above it. All





In the dining room the fireplace and overmantel are more ornately treated than in the living room. Carved moldings and ornament border the fireplace opening and uphold the mantel. The overmantel is topped by a broken pediment—a typically Georgian fashion







AMONG THE PINES OF GEORGIA



HOW MUCH HOUSE FOR YOUR MONEY

Houses Costing from Twenty to Twenty-Five Thousand Dollars

How Considerable Latitude In Building

C. STANLEY TAYLOR

article and subsequent ones each raise the total expenditure the same amount.

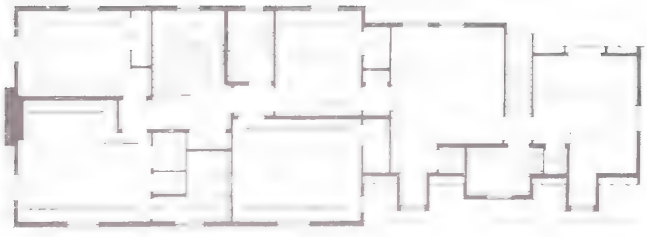
characteristics, must be determined in each home owner's mind because there is naturally a wide difference in opinion as to just what constitutes luxurious appointments. Those who are accustomed to houses ranging from $75,000 to $100,000 or more would certainly find themselves sharply restrained in the desired appointments if they undertook the erection of a home the building of which they could only pend around $25,000. The home ow who has been living in a lower cost ho however, would find in the succeeding p ranges which will be discussed in this subsequent articles opportunities for dividual expression and for the attainm of those added conveniences and luxu which have heretofore been denied h

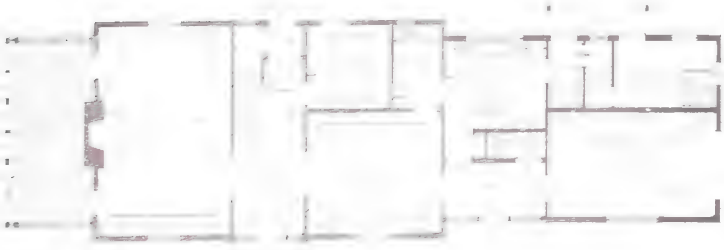
For these reasons, in speaking of luxu to be included in house planning, the t must be considered in its relative sens connoting the addition of those extra va which are somewhat beyond the abso necessities in the building of a home good quality.

In discussing the possibilities of a h















It would have been as misleading to point out that houses of this type might cost much more than 60¢ per cubic foot as it would be to indicate that more luxurious houses could be had within the maximum figure heretofore established. It is quite possible to spend $1.00 or more per cubic foot for small houses through freer arrangement of space to accord with some special architectural design, by unusual room arrangements to accord with an owner's ideas, by the requirements of a difficult situation, or by introducing expensive architectural or equipment details.

A few examples will perhaps suffice to show how easy it would be to spend $5,000 in these various ways. There is a generally recognized range of from 5% to 15% increase in cost over ordinary frame construction through the use of masonry of various types. Stucco construction, for example, may be placed on a wood frame at practically no greater cost than an exterior surface of wood, or it may be placed on hollow tile, concrete block, brick, or even solid

(*Continued on page* 12)



A TUDOR RESIDENCE IN MISSOURI





The GARDENER'S CALENDAR *for* JUNE

for every one hundred miles north or south, allowance is made for a difference of from five to seven days later or earlier in the time of carrying out the operations. [illegible] are for an average season

FIRST WEEK

M[illegible] what similar to that of pruning, for the shearing off of the right amount of the plants' top growth [illegible] bushy. Furthermore, the admission of light and air to their bases makes for healthier development, while the cut ends of the blades [illegible] lating mulch for the roots.

A mulch of some sort is really a year-round adjunct in some part of the garden or grounds. Try maintaining one of finely pulverized soil a couple of inches deep during dry weather in the vegetable garden, and you will be surprised by the amount of subsurface moisture which is conserved.

Keeping up one of these dust mulches will automatically result in the uprooting of many ambi- [illegible] temptation, now and then, to leave them lying where the rake happens [illegible] completely destroyed.

Now that the Forsythias, Spireas and other spring-flowering shrubs have finished blooming they ought to receive whatever pruning may be needed. Stock of this sort forms [illegible] growth made this year, so the development of the latter should be directed in the early summer.

SECOND WEEK

T[illegible] garden is to let the rain do it, but of course you can never depend upon having rain when you want it. The only safe plan is to be ready to make your own, so to speak, with a good sprinkling or overhead irrigation system connected with the regular piped water supply of the house. These devices distribute the drops evenly and no faster than the ground can absorb them—important points, for flooding is likely to wash out small plants, spatter mud on blossoms and foliage, and result in subsequent caking of the surface soil.

Rambler Roses, Wisteria and indeed all kinds of climbers are making rapid growth at this time and will get out of bounds unless you watch them. It will be easier and more satisfactory to keep them trained in the way they should go than to wait until they have formed confused masses and then try to straighten them out. A tie in time saves at least nine later on.

By [illegible] the cold frames are through with their job of turning out young plants for setting in the [illegible] flower [illegible], and as a rule they drop very much [illegible] and the passing of another winter brings them to mind again. Only here and there is to be found a wise gardener who keeps the frames at [illegible]

There is no better place than a shaded coldframe for sowing and growing perennial seeds and for striking cuttings. A screen of laths or of cheese-cloth stretched on a frame securely raised a couple of feet above the open frame, will let in air and sufficient light without subjecting the young plants to

THIRD WEEK

THERE [illegible] three good and sufficient reasons for snipping off withered flower heads and not allowing them to set seed; the appearance of the garden, the longer period of blossoming which follows such a policy, and the elimination of sometimes too numerous and aggressive self-sown seedlings. Any one of these is enough to repay the slight trouble involved; together, they present an argument that admits of no denial.

About the time the first rush of early summer bloom begins to wane one is likely to notice that the grass under Maples and other dense shade trees commences to lose ground. Generally this failing is attributed to lack of sunlight, but that is only part of the story. More important, in a good many cases, is the fact that the network of tree roots, constantly foraging for material to make up for the loss of moisture through evaporation from the leaves, suck up vast quantities of soil moisture and leave little for the grass and other small plants. Artificial watering will help the situation, of course, but it must be very, very thorough. The most beneficial thing, of course, is a good soaking rain.

Late June sees the end of most Iris displays, except perhaps for the Japanese species. From now until late summer the plants will be busy making root growth, and consequently are in ideal condition to transplant. Most people wait until August or September before dividing and resetting Iris, but it can perfectly well be done as soon as flowering is finished. In replanting, do not make the mistake of mixing any fresh manure with the soil, as it would almost surely cause trouble.

FOURTH WEEK

THIS is the time to sow per ennial flower seed, for if th conditions of soil and exposure ar right the young plants ought to b big enough to set in their permaner places by September, or be carrie through the winter in a coldfram Light, well drained, very finel worked soil is the best, and should be shaded from the hot su Newspapers laid over the plante bed and pegged in place unt germination begins will conser necessary soil moisture and for stall washing out of the seeds case of heavy rains.

In the vegetable garden t Corn will soon be sending out sid shoots from the lower parts of t main stalks—useless, unproducti suckers that accomplish nothi except the diversion of streng that ought to go into the prod tion of the crop. If you are w you will pull these loose as soon they are well enough formed afford a grip. By holding the ma stalk with one hand and pull the shoot out and down with other a clean break can be tained.

The Tomatoes, too, will needing support about this time. you grow them according to pruned, one-stalk system each pl will need a strong stake to wh it can be tied, should you tr them more as bushes, provide ho or some sort of trellis to keep branches off the ground.

If you will look over th Lilac and Rhododendron bus which have finished flowering will find that the stalks of vanished blossoms are still in pl Removing these at the base, n will materially aid the plants make normal terminal growth summer and set buds for next sea

[illegible]

makin' the world an' scraped out a handful. On three sides the land shoots up step an' rough with old gray boulders where the foxes den. Hemlock an' Oak an' Laurel covers them slopes, but down in the basin itself, an' away to the eastward where she grades off easy towards the valley, there ain't nothin' but Birch. A quiet, hidden, peaceful leetle space atween stubborn hills, set thick with big trees an' as free o' under- [illegible]

it Birchy Holler.

"There ain't no roads nor trails back in there, but there's a teeny, [illegible] among the [illegible] reelin' away like it was half afraid to start out alone into the world. Clear as a hilltop wind, shy an' fine an' tinkly, at fust Birchy Holler Brook don't quite know whut it's all about.

"But in a leetle ways thet trickle from under the old tree begins to git an idee—the idee thet it really ought to go som'eres. It sort o' perks up an' grows a smitch, an' fust thing ye know it's steppin' along right lively. Away an' away through the Holler, gittin' bigger an' stronger, till fin'ly it leaves the Birches behind an' skips out into a sunny pasture full o' Buttercups an' Daisies. There's young trout there—nervous an' purty an' cold like icicles—but the brook scurries a-past 'em. 'I'm busy,' it says; an' so on into woods ag'in an' through farm after farm until, full-grown an' clean as the hills from which it come, it roars down the last gorge an', satisfied at last, spreads out into the ca'm contentment o' Taylor's millpond."

VEGETABLE SOUP BY CAMPBELL'S FRENCH CHEFS



Have you tasted Vegetable Soup as it has been developed and refined in the famous Campbell's kitchens?

It proves a genuine surprise to many that soup of such hearty and substantial nature, should at the same time possess such a fineness of flavor and prove so appealing to the exacting taste.

This blend of fifteen different vegetables, beef broth, cereals, herbs and seasonings does frequent duty as the principal dish of luncheon or supper. It is so delicious that often it coaxes a reluctant appetite to its generous nourishment. And for the children there could be no more healthful, invigorating soup.



LOOK FOR THE RED AND WHITE LABEL

See also the complete list of 21 Campbell's Soups on each label. 12 cents a can.

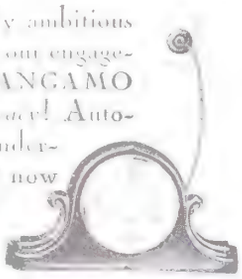
WITH THE MEAL OR AS A MEAL SOUP BELONGS IN THE DAILY DIET



YOUR UNFORGETFUL LIGHT SOCKET

GETS YOU READY ON TIME!

No longer need any slow-going or overly ambitious clock in your household send you late to your engagement or waste the time you save—if a SANGAMO presides. Standard clock movement *accurately*! Automatic, light-socket *winding*! That is the wonderful union of precision and convenience now offered by these clocks—the joy and pride of those for 28 years prescient in the making of fine electrical precision instruments.



A SANGAMO MANTEL CLOCK

Merely plug SANGAMO in your wall outlet or light socket. The current winds it silently, *perpetually*. It *never forgets*! Nor is perfect timekeeping affected in the slightest either by current fluctuation, or complete shut-off up to twenty-four hours. Operates on any alternating current. Points to remember about SANGAMO.



Danforth.

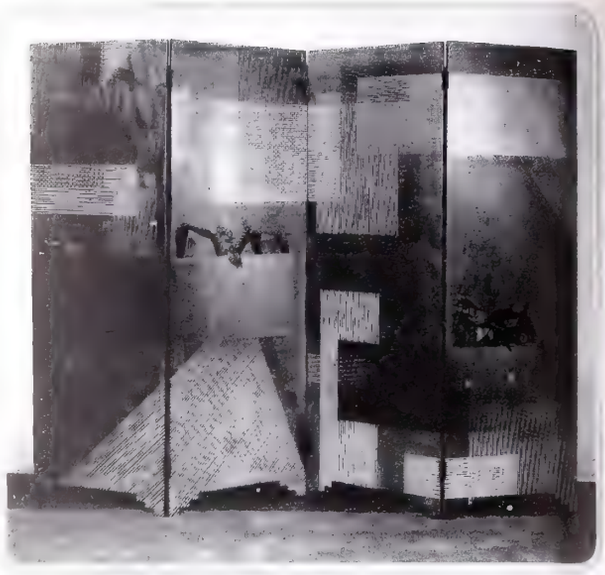
Intriguing designs for boudoir, living room, hallway. Attractively priced by the leading purveyors of quality. Insist on a SANGAMO—the clock that is electrically *ground!*

ON REQUEST

SANGAMO

CLOCKS

Wound from any [illegible] Socket



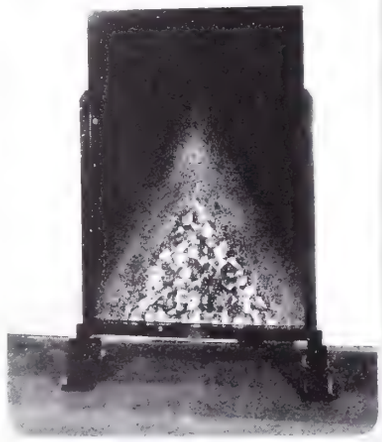
This fantastic conception, "Modern Animals," is accentuated when it is cut relief and carving in black gold and silver against a tan background

ACCESSORIES TO MODERNI

SIMPLICITY is the keynote of modern decoration as it is generally felt that this method of furnishing best represents contemporary life. Due to this sentiment, one must not confuse the notion of barrenness and cold. There is no warmth. Modern ornamentation, because of its strength and straightforwardness, gives character and substance pots. Odd bits of furniture here and there answer both a and a decorative purpose.

Among the most beautiful ern accessories are the lacq

(Continued on page 10



Below Gold, cold used has gol or fi used





r—fair and ingly warmer



When the mercury mounts you'll bless the day you bought your CANNON TOWELS



CANNON TOWELS

TRADE MARK CANNON

THE end of an unendurably hot breathless afternoon, a refreshing bath makes them worth living again. And how much abundance of fresh towels contributes to cool and making a bathroom look cool and comfortable! What an instant impression of luxury it creates!

This summer with Cannon towels you can afford a fresh supply daily for every member of the family. By choosing one of the delightful Cannon designs as the individual property of each person, you can eliminate all confusion. By selecting these designs all in the same color or colors, you can keep your scheme of decoration charming and restful. For instance, use blue bordered* towels one week, pink the next, green the next, and so on.

From the æsthetic point of view these Cannon towels are a joy. They are also an economy.



$1.50.

Their original cost is less than other towels of similar quality, and they give extremely good service. They wash and wear wonderfully well. Housekeepers on a large scale, the famous hotels of America are familiar with these facts. That is why most of these great hostelries are equipped with Cannon towels. . . . As you travel this summer, or at any time, notice how frequently you find them.

Cannon towels are sold in dry goods and department stores everywhere. Is your summer home supplied? Bath sheets, bath mats, bath towels, face cloths, face towels, hand towels in a wide variety of modern and conventional designs, and also all white. Prices from 25c to $3.50. Cannon Mills, Inc., 70 Worth Street, New York City.

**All Cannon towels are guaranteed absolutely color-fast.*



IS IT WORTH A DIME

to find the difference between "furniture polishes" and VERNAX*?

YOU have thought that all furniture polishes were much the same. We *know* VERNAX is different—that there is nothing like it on the market.

Is it worth a dime to you to find out why this emulsified furniture cream is so remarkable? Is it worth a dime to see your favorite piece of furniture glow with rich, lustrous beauty?

Then invest 10¢ for a liberal trial bottle of VERNAX—and prove to yourself that VERNAX is something entirely different and matchless for its effect on all fine woods.

The Delineator Home Institute tested and endorsed VERNAX as giving "the most satisfactory results." They wrote: "It cleans the wood, brings out the grain and gives a soft lustrous finish." It gave leather "a soft, mellow, pleasant appearance." And it does all this without the old tiresome rubbing. A quick application . . . a second brisk rub—and your piece is beautifully lustrous, rich looking and new.

Send the dime today.

Delineator Home Institute

VERNAX

Vernax Furniture Cream

Sold through Department, Hardware, Drug and Furniture Stores. $1.00 a bottle

Distributed by Schieffelin & Co. for Arthur S. Vernay, Inc., New York





The table and vase represent the finest examples of Jean Dunand's eggshell lacquer, the secret of which was won from the Chinese

ACCESSORIES TO MODERNIS

(Continued from page 104)

Jean Dunand. This name is not a new one in the field of art and decoration, M. Dunand having known the world over for his great skill as a craftsman in lacquer and in talwork. It looms especially large, however, in this country as a result of the Exhibition of Modern Art recently shown at Lord & Taylor's, and by virtue of the thousands of people who have thus become acquainted with the latest product of Dunand's endeavor.

Especially interesting is the beautiful [illegible] lacquer which consists of a [illegible] made from powdered egg shells inlaid in black and red lacq The intricate process of this form lacquering was won from the Chi by a fair exchange, Monsieur Dun teaching them the fine points of particular art in return for their se of lacquering. The fire screen sh on page 104 and the table with shown in the above photograph out the beauty and delicacy of this

None-the-less beautiful than eggshell lacquer pieces are the lac and metal screens also shown herev each of which is unique in concep

L. M.



The peculiarly poised birds featured in flight on silver and gold blocks are unique in form. This four-fold screen of rich black lacquer is indeed a masterpiece

"Treasure" Solid Silver





on booklets which we believe you
cated in receiving—"The Art
ons" illustrated with two
lowing model table settings made
supervision of the author of a well-
ok of etiquette, and "The Early
Style", being a complete catalogue
ent "Treasure" pattern. Both of
ets will be gladly sent for 40 cents.

unt & Bowlen Co.,
l Mass.
find 40 cents in postage for
over cost of mailing.

NAME

STREET

Breakfast too demands STERLING

Do you know the joy of sitting down to a breakfast table set with Sterling Silver tableware?

Time was when Solid Silver tableware was regarded as something to be used on very special occasions—just for "company". But today, Sterling is yours to enjoy every day at every meal.

The cost? Much less than you think. For example, the flat silver on the breakfast table illustrated above, which is set for four people, costs only $57.33. For six it would cost only $86.00. The price of the Coffee Pot, Sugar, Creamer and Waste is $285. The Tea Pot to match is $[illegible]

And it is so easy to acquire a service of "Treasure" Silver, for you may purchase a few pieces at a time as your purse permits. Ask your jeweler or write us direct.

ROGERS, LUNT & BOWLEN CO.
Tableware
[illegible] MASSACHUSETTS
[illegible] of America





16TH CENTURY ISPAHAN
Reproduction

BENGAL-ORIENTAL RUGS

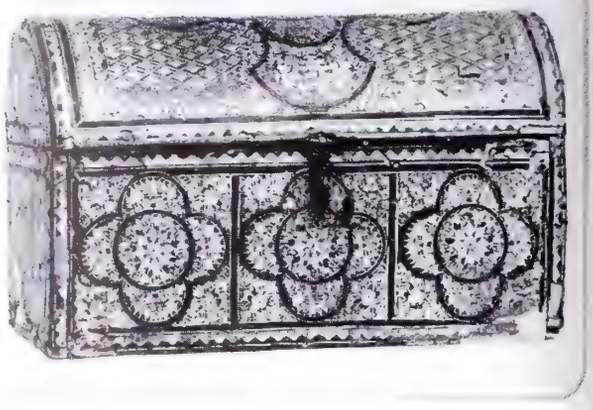
THE Bengal-Oriental rug has been dedicated to the Oriental ideals of design and coloring; passing modes —the fancy of the day—have never turned us from our purpose to reproduce the rarest rugs to be found in the foreign markets or in the hands of private collectors. . . The charm of the Oriental rug will never be outgrown—worthy examples of this ages-old art are difficult to secure and then only at prohibitory prices, but the Bengal-Oriental reproductions make it possible for you to gratify your taste for the priceless rugs of the Orient.

Price for 9x12 size does not exceed $185 in any part of the United States.

JAMES M. SHOEMAKER CO., INC.
119 WEST 40TH STREET, NEW YORK

A Catalog of Oriental Rugs Sent Free on Request. Mail this coupon with 10c. for postage and we will send you a copy of "Backgrounds of Oriental Beauty" by Alice Van Leer Carrick.

Please send me color plates of rugs for
☐ Living room, size ☐ Dining room, size
☐ Bed room, size ☐ Hall, size
☐ *"Backgrounds of Oriental Beauty"* by Alice Van Leer Carrick.
Name
Street
City
My dealer's name is
Mail this coupon to Consulting Decorative Department
THE HOUSE OF SHOEMAKER, 119 W. 40th St., New York



Gilded leather-covered coffer made in Italy during the 15th Century. Note the crude iron lock. Courtesy The Metropolitan Museum

TREASURES IN LEATHER

(Continued from page 56)

Emperor, King or Prince. Elaborate ceremonies governed its production, and the industry was looked upon by the sponsoring [illegible] as a national concern and as such was protected. Emperor Charles V confirmed these ordinances [illegible] to note that Spain did not permit the exportation of her [illegible] leather to Valencia.

In the process of Cordovan leather (as the product later came very generally to be called) the surface presented the appearance of a brocade in color —red, green, black, carmine— with the addition first of silver and later of gold. This leather was pliable in texture, like a heavy-woven textile. In the decoration, oil colors were employed because of their permanence; tempera colors and similar make-shifts were strictly forbidden, being prohibited by express laws. Gold was not used until shortly after the end of the first quarter of the 16th Century, perhaps from about the year [illegible].

Early Spanish literature contains a number of references to Cordovan leather. In the *Cid*, for instance, is the reference to the two chests which were to be used to deceive the money-lenders, Rachel and Vidas, chests filled with sand and

> " . . . . . covered with *guadamacis* and well locked.
> The *guadamacis* were red, and the lock well gilded."

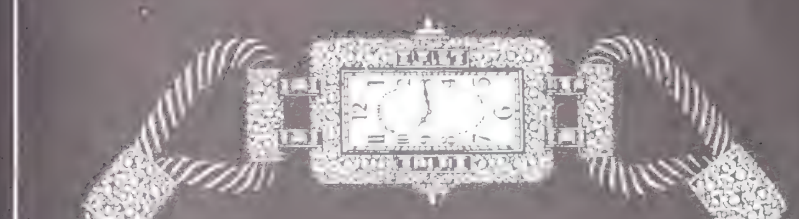
Then in his play, *Viejo Zelozo*, Cervantes (who lived in the leather producing town of Valladolid) has one of his characters make mention of decorated leather.

The process of preparing Cordovan leather was somewhat as follows: The hides were tanned and made pliable; wood molds carved with the desired pattern units were impressed on the leather by stamping, and the impressed decoration brought to a further finish by tooling, etc.; the color and the metal were then applied. Some of the leather pieces had colored groundwork only, while in others the pattern only was in color. Before either the silver or the gold was applied, the surface of that part of the leather which was to receive it was oiled. On this oiled surface the metal leaf was laid. Heated patterned metallic molds were then pressed down on it. Where the metal patterned lines of the [illegible] pressed upon the metal leaf, the [illegible] or the gold would there adhere [illegible] leather permanently, and the su[illegible] metal could be brushed off with[illegible] In the Chapel of San Isidro [illegible] Cathedral of Valencia is a very [illegible] tooled leather altar-frontal ma[illegible] this manner. These pieces of C[illegible]van leather decorated with land[illegible] (landscapes without figures) [illegible] called *Basane* by the Spanards [illegible] *tura verde* by the Italians.

It is from the name "Cordov[illegible] from the word "Cordovan" tha[illegible] English word "Cordwainer", u[illegible] earlier days for "Shoemaker" [illegible] derived. The "Worshipful Compa[illegible] Cordwainers" in the City of Lo[illegible] originally incorporated in the [illegible] 1410 by Henry IV, and whose [illegible] dates from 1592, regulated [illegible] trades connected with the leath[illegible] dustry in England. The Great F[illegible] London brought heavy losses t[illegible] company, and obliged it to s[illegible] Irish estates and its splendid [illegible] (gifts through some centuri[illegible] various donors and engraved [illegible] armorial bearings) in order to [illegible] its debts. The present hall of the [illegible] pany is a small 18th Century [illegible] in Distaff Lane, facing C[illegible] Street. The Right Honorable J[illegible] Chamberlain was a Freeman o[illegible] Company for fifty years. In *Curi[illegible] of London*, John Timbs mention[illegible] the name Shakespeare appears [illegible] company's charter, in connection [illegible] some interest therein.

Another London city compar[illegible] directly connected with the histo[illegible] of leather is the "Worshipful Com[illegible]ny of Leathersellers", whose arm[illegible] reproduced in the illustratio[illegible] of the company's bookplate on pa[illegible] from the bookplate in the [illegible] collection. At one time the "Wo[illegible]ipful Company of Glovers" unite[illegible] the Leathersellers, but they rec[illegible]ed their independence in 1638, an[illegible] centuries later Queen Victoria [illegible]firmed their charter. The first m[illegible] of the Leathersellers occurs [illegible] document bearing the date of [illegible] Under their later charter, grant[illegible] by James I, they controlled the tr[illegible] in "skins and felts called buff le[illegible] shamoy leather, Spanish leather[illegible]

(Continued on page 110)



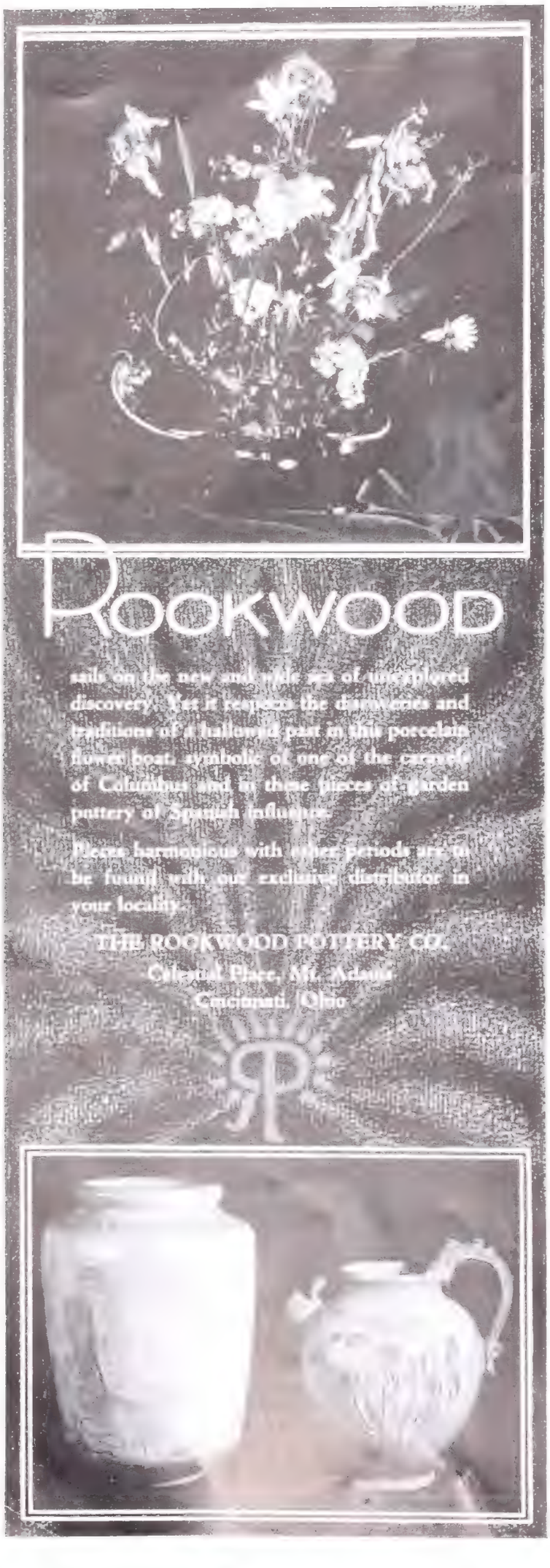
©B.S.&F.'28

How exquisitely beautiful are the bracelet watches of today. A far cry indeed from the [illegible] ago—pendant-on chatelaines, watches hung about the neck and those tucked in at the belt. The modern wrist watch combines the finest precision of the watchmaker with the rare artistry of a piece of jewelry.

BLACK STARR & FROST

[illegible] YEARS

H AVENUE CORNER 48TH [illegible] NEW YORK [illegible] PARIS • PALM BEACH • SOUTHAMPTON



TREASURERS IN LEATHE

(Continued from page [illegible])

[illegible] Bond-street. The decorated leather, *cuir boulli*, of France was very beautiful, not- [illegible] Montaigne expresses for Italian leather [illegible] a Rouen which is considered superior to that made in Paris. *Cuir boulli*, literally "boiled [illegible] of Savoy as being "a strong leather that has been boiled in wax, mixed with cer- [illegible] them and which they keep secret." But [illegible] and in France. Beautiful leather hangings were made at Lille, Brussels, [illegible] Venice. The leathers of Malines were especially fine. The studio of the [illegible] leather, decorated with figures of [illegible] in groups around vases and pillars, [illegible]

[illegible] skilful as leather workers. They made many varieties of art objects of leather stained a particularly beautiful madder brown color, much like the lovely modern leather-work one sees in northern Italy today. There were boxes, trays, writing-cases, portfolios, bellows, purses and bags, panels for walls, doors and woodwork, furniture, chair and table coverings and what not, and of course there were all sorts of gorgeous equestrian trappings, as well as such leathers as were used in the dress of the day. The Florentine craftsmen were adepts in *cuir boulli*; so were the Venetians. Indeed, Venice finally eclipsed Spain in the production of decorated leathers, but that is because the Spanish products had begun to deteriorate, and finally the art of the Spanish *guadamacileros* came to an end. Venetian leather wall-hangings, in turn, had to give way to a newer fashion, that of painted walls: fresco and painted panels drove out *cuir boulli*.

In later years we have had slight revivals in the making of decorated leathers, but they have never taken any particularly important place in art history, and it is the earlier Spanish and other European leathers that are now so precious. In connection with leather wall-coverings, one is reminded of the story of the famous "Peacock Room" by Whistler, now preserved in its entirety in the Freer [illegible] Washington. The story is this: Mr. F. R. Leyland of London had on the walls of his dining room in Princess Gate some fine panell[ed] [illegible] leather. Having an ex[tensive] collection of blue and white Ch[inese] porcelain which he wished to d[isplay] permanently in this particular r[oom] he called upon an architect to d[esign] shelves for it, and commissioned Whistler to design a sideboard for [the] room. He had already pu[rchased] Whistler's *Princesse du Pays de la Porcelaine*, and had hung this painting at the end wall. Whistler insisted [that] the color-scheme of the room [should] his picture, which was delica[te] tone, and with which the red l[eather] of the rug and the red spots [in the] leather wall-covering were not in harmony. Mr. Leyland thereupon had the offending red border of the rug [cut off] and commissioned Whistler to paint out the offending red spots on the leather.

[illegible]

First the artist experimented [with] yellow and gold paint. The result was disappointing and far more disturbing than the color of the leather [before] he had touched it. Something had to be done; Whistler felt certain that he could work out the room's salvation if he were left to himself to [do] it. Again Mr. Leyland consented. Furthermore he went away to the continent and left Whistler with *carte blanche* to go ahead. So it was that the confident and indefatigable Whistler went at it again. This time [a] symphony of blues and golds, and evolved a marvelous decoration of peacocks. Of course Mr. Leyland had no idea of Whistler completely wiping out the [original] leather with a covering work [of] his own, and perhaps when he began Whistler had no idea of going [so far].

As his work progressed, the painter's genius asserted itself, and [his] delight and satisfaction with the [whole] work redoubled. All this [time] client remained in ignorance [of] what was being done. Probably [Whistler] gave no thought to anything [but] decoration and its relation, [as he] was to the *Princesse*. Finally [the] leather was completely transformed—"transfigured," I have no doubt [Whistler] would have said—and Whistler [invited] in his friends and their friends. [Very] soon the press got hold of it, [and] fashionable London, at least [that] fashionable London with which Whistler was on terms, flocked to Mr. Leyland's dining room [without] Whistler's invitation. Mr. Leyland still knew nothing about it. [Of] those who came to view Whistler's "harmonizing," was the architect who had designed the shelving, which looked like quite another [thing]. Alas, the change came to Leyland as a shock and straightway he went [and] painted his floor blue and dined in madhouse.

At last Mr. Leyland returned [with] displeasure and amazement [at] Whistler's assurance—he recognized [that] of the decoration—was [complete] and justified, and it led to his [refusal] to pay Whistler the fee demanded [for] painting something he had [done]

(Continued on page [illegible])



Louis XIV coffee service by Towle
3 pieces $250.



Louis XII

The first bridegroom of Louis XIV presented this pattern to the Viscountess, perhaps, inherited it and so passed it on to one who loved [illegible] (Gone from Kardomah)



La Fayette, Lady Constance
Lady Mary, D'Orleans, Mary Chalton



Virginia Carrol

[illegible] (Gone from Kardomah)



Seville

How proud the orchid-hued and lady placed speech description of society Seville patrons selection place in the [illegible] the slim, vivid, impertinent girl! (Gone from Kardomah)

When Beauty Speaks

BRIDES of only a few years ago felt that they had to have the very *newest* pattern in Sterling. But the independent minded bride of today, we find, chooses the Towle design which most truly expresses her own personality, with a perfect recklessness as to its "age"—because, she says, "*I like it!*"

And how very right she is! Everything else in her life may change—her income, the style of her clothes, her social environment—but her personality is essentially as permanent as sterling silver itself.

On this page are pictured eight Towle patterns, ranging in "age" from twenty-two years to a few months. Every one of them stands one test—the test of beauty. Yet there is probably only *one* that will exactly express *your* personality.

Which is that one? We invite you to study them—to see them at your jeweler's, to hold the actual pieces in your hand, to let them speak to you, as beauty always speaks—through the feelings it arouses, the desire to possess.

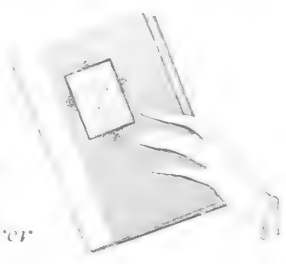
In the end, the one type of beauty that truly belongs to you will make itself known. Then, through all the years of ownership, you will have that sense of proud satisfaction which comes from the companionship of things genuinely fine.

[illegible] your local guidance [illegible] your [illegible] for all sorts of meals and functions, how to care for your silver. This little book [illegible] complete [illegible] of 25 cents

[illegible] Silver
[illegible] Street
[illegible]

H-6

For you—
The Book of Solid Silver



TOWLE

Sterling Silver Exclusively

Are you building or remodeling this summer?



IF so, it will pay you to see that the screens are ordered as soon as the openings are ready for measuring and fitting and are completed before the painters and decorators start work on the rooms and halls.

Then flies, mosquitoes and other insect pests will not damage the interior decorating while it is drying, and make expensive cleaning necessary, to say nothing of exasperating delay in occupying the new home.

Workmen will not have to intrude upon home privacy, draperies will not have to be taken down, and foliage and furnishings will not have to be moved around —all unavoidable nuisances when the screening is postponed until you move in.

How to Get Beautiful Screens

tecturally attractive. Artistically designed
all their time to creating beautiful and

The members of The Screen Manufacturers

have artistic, practical and durable screens.
ciation-designed screens as soon as they



THE SCREEN MANUFACTURERS ASSOCIATION OF AMERICA



Promenade des Anglais: Nice.

IT is perhaps inevitable that LaSalle should still be the magnet for all eyes — wherever it is or whatever its garb .... For lovers of fine cars are not confused by attempts to simulate LaSalle's freshness, vividness and spontaneity of line, coloring and appointment .... A year ago LaSalle was a new name, even though it was sponsored by the oldest and finest in the fine car field .... Today it still symbolizes — as it did when it first appeared — a new tomorrow in motor-car design, apparel and performance so far in advance of current practice that LaSalle is destined to be the symbol of good taste in motoring for long years to come ....

With the substantial reductions on the entire LaSalle line, the distinction, prestige and incomparable motoring luxury of LaSalle are available at a price that now for the first time could fulfill the almost universal aspiration to the ownership of a Cadillac-built car. $2350 to $2875, f. o. b. Detroit. Five new models — including new five-passenger family sedan. If you prefer to buy out of income, the General Motors plan is very liberal. Appraisal value of your car acceptable as cash.

CADILLAC MOTOR CAR COMPANY
DETROIT, MICHIGAN

OSHAWA CANADA





To the eye, enchantment and the magic of an age-old legend . . . to the touch, the softness of deep damask . . . in your home, thirty centuries of fine rug weaving held captive in the lus-trous folds of Mohawk!



MOHAWK RUGS AND CARPETS

MOHAWK CARPET MILLS ✣ AMSTERDAM ✣ NEW YORK

A CHEST *from* OLD HADLEY

IN every fine collection of Early American furniture you will find one or more of these magnificent "Connecticut" or Hadley Chests.

The best originals—which easily bring $5,000 today—were made about 1690, and a definite tradition regarding the carving of sunflowers, the moldings and raised panels, was always preserved.

Some bore decorative painting done in wavy lines of red and black, suggested by the Indian war paint; they were often called Indian chests on this account. What a brave and memorable page of American history is written by Colonial craftsmen in such superb pieces as this!

The Danersk Hadley Chest is made with every attention to details of construction and design that have made the originals so highly prized.

All Danersk furniture preserves in equal measure the great traditions that give value. Rare desks and tables, highboys, chairs, historic mirrors—interesting and beautiful related groups for every room in the home; you will find all these in our showrooms, and at prices that represent unequalled value in furniture of authentic tradition.



CHEST—*a careful reproduction of a rare old* JACOBEAN *piece*

DANERSK

WHOLESALE AND RETAIL

215 N. MICHIGAN AVE., CHICAGO

IN NEW ENGLAND



Lighting Fixtures in harmony with Colonial Furnishings

In these quaint fixtures, the Lightolier designers have reproduced in flawless perfection the very essence and spirit of Colonial lighting. Both in authenticity of style and in the permanence of finish these fixtures possess the custom qualities, so definitely sought by decorator and architect. Lighting fixtures in every period are on review at the Lightolier Studios and at leading fixture dealers everywhere. Upon inspection, the home builder will observe that they are priced to come well within even the modest building appropriation.



Lightolier

NEW YORK CITY

LIGHTOLIER
Gentlemen:
Please send me
Name
Address
City & State



The Classicism of past periods inspired this modernist tableau. It is in yellow and silver, the floor being bluish gray. Lights are concealed behind the painted glass panels in the ceiling

MODERNISM IN THE HOM

(Continued from page 85)

[illegible] background for the modern personality. One presentday [illegible] enough. Home [illegible] atmosphere in [illegible]

We do not want to live in masquerade of past periods. We do not want to [illegible] Louis Quinze in a [illegible] apartment. We do not want to use imitation candlesticks [illegible] light or ornamental [illegible] push buttons, any more than we want to imitate old carriages for automobile bodies. And we [illegible] want to copy in our machine-made furniture nonessential [illegible] and peculiarities of past periods such as early Renaissance chests with imitation worm holes, to [illegible]

Nevertheless—we certainly do not want to deny the perfection of a genu[illegible] the esthetic value [illegible] of the past based on the same human proportions which [illegible] change.

[illegible] we become sure of ourselves, the more we will be unafraid to acknowledge the great heritage bequeathed us by the masters of the past. We will then be able to merge the best with our modern needs, methods and methods without copying them thoughtlessly and slavishly as has often been the mode.

The more we feel sure of ourselves the more we will keep free with tradition and extend hospitality to fine old pieces we may have inherited or collected.

We want to be proud of our age and its achievements, but, nevertheless, we want to acknowledge all the wisdom and art of older generations so far as it still holds good for us.

With all our achievements of science in form and color creation the modern world would be very poor and dull indeed if the wonders of past architecture, painters and sculptors were to be blotted out forever.

Many of the European creative designers who started the revo[illegible]

(Continued on page 118)



Though all the furniture and ornament are modernist, this bedroom owes its derivation to the Empire Taste. Walls are light lemon; ceiling and floor gray, draperies and bed cover soft blue and furniture ebony and silver



The New Crenelle Silver Service

for J. E. Caldwell & Co.

octagonal towers of old English

their suggestions of dignity,

this lovely design found



J. E. CALDWELL & CO.

PHILADELPHIA, PA. NEW YORK, N. Y.

MEMBER OF THE STERLING SILVERSMITHS GUILD OF AMERICA

SMITHS FOR OVER [illegible] YEARS



DO YOU KNOW THAT

SOME DRAPERIES *absorb light*..WHILE OTHERS *reflect it* ?



Many such interesting subjects are discussed in this valuable guide to artistic colorful interiors. Send for it!

WOMEN who like to depend on their own ingenuity to decorate their homes individually, beautifully and economically will find this guide of tremendous interest and help. "Color and Design—Dominant Notes of the Modern Home," written by Marcia Meadows, Interior Decorator, treats in a fascinating way the outstanding characteristics of various "periods" ... the emotional effect of different colors . . . the proper length and width for draperies. It contains photographs in full color of actual rooms decorated with beautiful Colonial Town and Country Cretonnes and Colonial Chintzes. There are among them designs of rare loveliness or unique patterns that intrigue one's fancy at once. You should find these materials readily at the better stores—if you have any difficulty, a word to us will bring you the names.

[illegible]

ASK FOR THEM BY NAME

COLONIAL

CRETONNES AND DRAPERY FABRICS

MARSHALL [illegible]

W[illegible]

LIGHTOLIER

Gentlemen:

Please send me your booklet "Color and Design" for which I enclose 10c (stamps or coin).

Name

Address

City & State



[illegible] the wall above the screen and is an entrance which opens on a small vestibule. Back living room and kitchen [illegible] with it

AN ARCHITECT BUIL

(*Continued from page 95*)

[illegible] south, and the other toward the north. The dining room needn't be considered. Up some steps we may go to it. Let the ceiling be low, and the smaller the room the better. We will not live on but with food. But I must have a living porch that the breezes blow through, and above that there shall be a place to sleep. A sleeping porch! Oh, all the idiotic things I have cursed the sleeping porch for twenty years, when other people talked for it, and now I want one myself." Such stultification was [illegible] admission, but admit it I did!

"And there must be a little flower-bordered, stone-paved court, held high above the adjacent ground, for quiet talk in the shade of afternoon and the pleasant gyration underneath the stars. And somehow or other I want two houses connected by this same living room and sleeping porch, one a living house and one a sleeping house. And my room; ah, there be the soul of the whole business. My room will be on top—or very heart and gizzard of everything and everybody. And I go to my room by one of those down stairways. I will go to bed by the let-down stairway, and pull the let-down stairway up after me. And then—then, Romeo, let us be left off and I can rise refreshed and unafraid!" So he seemed to draw again on the future, starting with the let-down stairway. Then I tucked in the sleeper. I arranged the bays in the living room and they came just the way they wanted, without trying. So did the little terrace. So did everything. It all seemed very easy. I survey the plan with a true satisfaction. "This plan," said I, "this is one of the most perfect things that has ever been conceived. Never since Be[illegible]

(*Continued on page 1[illegible]*



In plan this house is quite rambling although rooms are very logically situated and well planned. Including service rooms and sleeping porch the residence contains thirteen rooms

I N G A L B E R T



A KING PAID HOMAGE TO THIS PATTERN





WHEN Albert, King of the Belgians, saw the sterling silver service later to bear his name, its regal simplicity and rare charm brought forth his warmest admiration. Discriminating Americans everywhere have given it enthusiastic patronage.

Its contour is graceful. High lights and shadows make striking play on its deftly manipulated surface. Like a lovely painting, like any fine work of art, you will find its charm growing with the years. An exquisite modern example of the age-old art of the craftsman in precious metals.

Based on a Colonial motif, Gorham recommends King Albert especially for the Colonial or Georgian home or apartment. It is produced in sterling silver in complete dinner sets, tea sets, coffee services by the Gorham Master Craftsmen—and it is but one of the 27 Gorham patterns with which your jeweler can supply you. (Teaspoons $9.50 for six. Dessert Knives, $20 for six. Dessert Forks, $20 for six.)



GORHAM

PROVIDENCE, R. I. NEW YORK, N. Y.

MEMBER OF THE STERLING SILVERSMITHS GUILD OF AMERICA

RICA'S LEADING ... SMITHS FOR OVER 90 YEARS

A CARVED PIECE
ENRICHES A ROOM



With a carved piece of furniture there comes into a room, however simple, a touch of romance and elegance which no other furniture can bring so well. Whether a room requires a massive carved Flemish cupboard or a dainty Louis XV console, the precise piece is to be found here at these Lightolier Galleries—devoted exclusively to furniture of fine hand carving by [illegible]. Vander Voort of Belgium. Decorators and their clients discover that although Lightolier's carved pieces are magnificently rich in appearance, they are also extremely reasonable in price.

LIGHTOLIER GALLERIES

AN ARCHITECT BUILD

(Continued from page 116)

[illegible] twenty other architects collected on the great Florentine [illegible] had so much talent been put upon any spot at one time!

"Now that I have a plan," said I, "of what can I build? What is the cheapest stuff that will keep me in and the weather out? I know all the building materials. We are very old friends. But then there is labor, and labor is what—eight—ten—twelve dollars a day. What labor can we [illegible]?" It is a hard matter to get houses built without labor or material, but I commenced my process of [illegible]nation with the plastering. If I could only build walls that needed no plastering, then I could kiss my hand to the plasterers. So intensively I commenced the study of walls. My wall must go up quickly and the units must come ready to set. "What about blocks? What about cinder block? They have a good surface and they look about a hundred years old three minutes after they are born. But they are dead and dreary in color. What about whitewash or cold water paint or some cheerful colored lotion to change their dismal hue?"

I sent for samples of blocks. They were excellent. They had variety. The curse of machine manufacture is the uniformity of its product. Here was a product of machine manufacture which was not uniform. I had a wall, then, that could be whitewashed without and cold-water painted within; no plastering either side. "What about windows?" There I knew just what to do. The metal casement sashes are [illegible] units and by setting them in cast-stone frames I could make a Cotswold house. Clever idea.

A little later I showed my plan to that partner who promised to live and abide with me. She is keeping bravely to her promise. I told her just how everything was—except the pull-down stairway. But how we would have to go through the room to get to that room, how we would go up steps here, down steps there; how interesting life would become in proving that competent housekeeping could surmount every difficulty of architectural planning. She took my plan for a moment and gave it a look whose portent I have come to know well. "Oh I wouldn't do that," said she. It was then I came to the alternative. We went to France, instead of building upon that pleasant little hill in Connecticut. And in all of beauti France, we did not hear one wouldn't-do-that;" did we?

Not long after my return came in my mail a letter from Har burg, Pa. It was from a gentle who wrote me a friendly confide note. In it he said, "If I am ev build, it is time I did so." He told his family. It numbered just one m than mine. He told me that the ho was to be a summer home only, that every economy must be prese in its construction. Would I draw s sketches or come to Harrisburg. I both. When I got there the ge man did not look at my plan, bu showed me his. He had worked it very carefully. It was a log ca "Oh I wouldn't do that," sa And thereupon I told him how I planned my own house. How I delved into the cost-saving sid it. My motto had been economy and safety second. I told him ev thing from the let-down stairw the plasterless wall and he liked i The plans were drawn; the cor signed and the building erected a pictures show.

So my home stands now upon in Pennsylvania and not upon in Connecticut. But in other re the plans are identical. Two sep houses are joined together by a ture which is a living porch and a sleeping porch above. A terrace enclosed by a high re wall makes a pleasant place to s enjoy the afternoon shade or th ning moonlight. The walls are washed without and cold painted within. We kissed our ind to the plasterer—almost. An found the economies we went We built the biggest house fo thousand dollars yet constructed I will tell all about the co all of the secrets to those wh may wish to know them.

Although I came to build my us in the very way I wanted it, ust confess that I sometimes think that little hill in Connecticut; of os tall, slim cedars growing her and there and the rough outcroppin rock which gives my hill its sturdy and substance. I think of the where the cool summer breezes blow and the long steep slope off to the south.

But then—but then there is the pleasant land of France.

MODERNISM IN THE HO

(Continued from page 114)

around 1900 already have outlived their radicalism for the sake of evolution. They are not afraid to incorporate the essentials of the modern idea with all the inspirations they can [illegible] from adulating, although not imitating, the old masters.

The homes and steamers [illegible] by these artists may not create [illegible] tion with the masses but th are thoroughly livable, well-bred [illegible] unquestioned taste. They are [illegible] sive to the layman and a [illegible] delight to the connoisseur.







Yes, she is particular . . . . very

THE [illegible] who wore brown socks with [illegible] her butter for not dropping his [illegible] her Long Island country place, and her Palm [illegible] with Wallace Sterling Silver.

[illegible] at right above, is priced at $285; [illegible] illustrated are priced from [illegible] Dinner Knives from [illegible] pattern will be sent upon request.

[illegible] Paul Wallingford, Connecticut.

WALLACE STERLING SILVER



So easy to keep these windows clean

YOU can easily reach and clean the outside of Lupton Windows while standing inside the room. Just swing these casements open. What an improvement! The formerly irksome task of washing the windows becomes an easy matter with these modern and convenient steel casements. Now you can indulge in the luxury of window panes that are always sparkling and clear, and with safety, too, for with Lupton Casements you need never perch on the window sill.

Convenience of cleaning is but one of the many conveniences which Lupton Windows offer. They open so easily, ventilate so efficiently and shut so snugly in all weathers that they make every room a pleasanter place in which to spend your indoor hours.

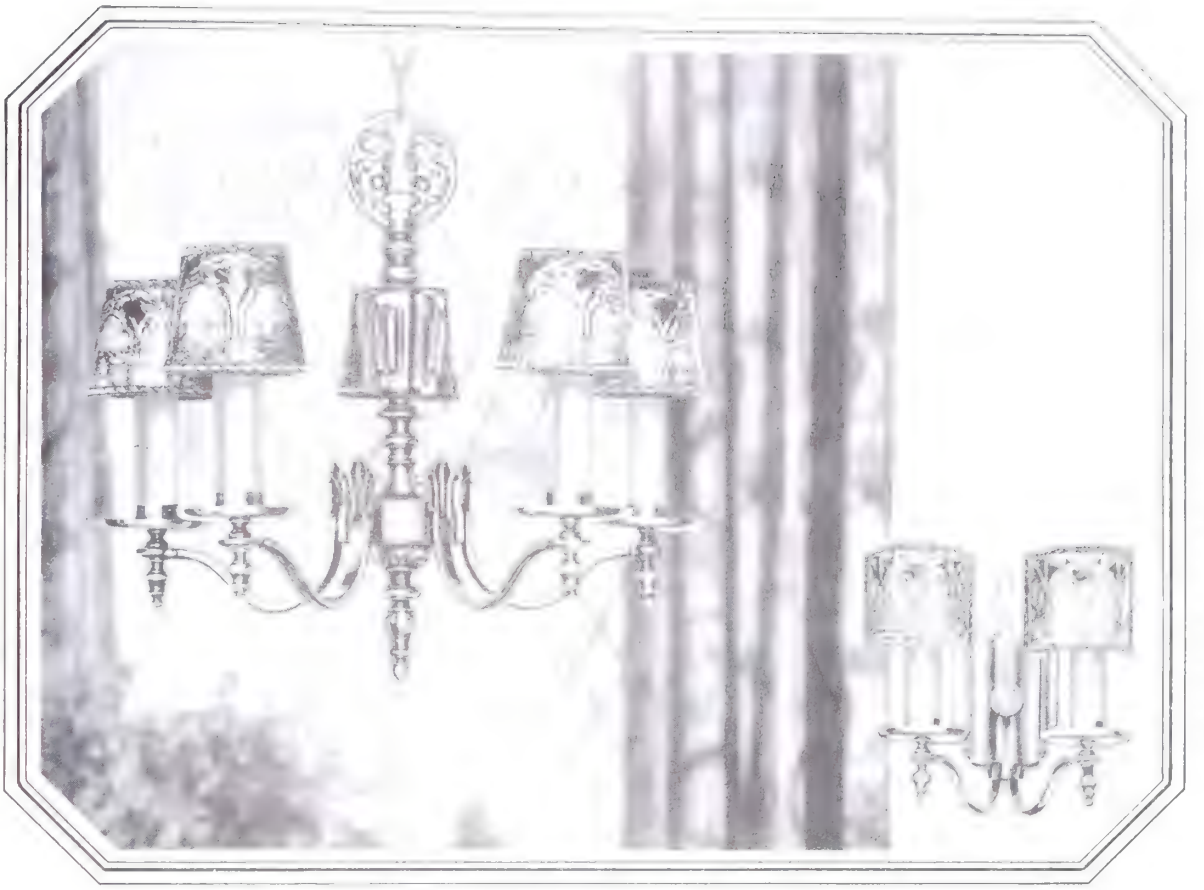
You can install Lupton Casements in your house for a surprisingly modest sum of money. The house pictured here is one of hundreds of Lupton-equipped homes which demonstrate not only the convenience and beauty of these up-to-date windows but their economy as well. Let us send you free, "Better Windows for your Home," a booklet which shows many interesting installations and the many advantages of Lupton Windows.



Home of [illegible] Casements
[illegible] $376

DAVID LUPTON'S SONS CO. 2253 E. Allegheny Ave., Philadelphia

Lupton Steel Windows



No. 200

colorful dark
of old Tudor
s and modern
interiors was
a mind in de-
g this Tudor
There is rich-
and yet a
y which will
haze the fix-
with the deco-
of any room
lasting Tudor
nish this five-
le fixture,
; in Tudor gil-
nish, $50.00.
le parchment
s, $2.75 each.

No. 203

finish, $16.85; in

Made by Distinguished Craftsmen

THESE Tudor examples are part of a long line of brilliantly executed fixtures, each made with the exquisite fection of 16th century handiwork. Miller ures are the work of designers and metal-rkers. Down to the subtlest turn of a bracket, h model is a masterpiece of its kind.

Miller stylists have developed complete lines unusual loveliness to cover every period of istic decoration—Early Colonial, Tudor, glish, Georgian, Seville (Spanish), and the occasional lamps and fixtures that harmonize with any decorative scheme.



one of the large line of Miller portable lamps, comes in a finish of aged bronze and pewter, and is combined with a deli-

crepe de chine lined with Tangerine Radium silk, for in Lariat lined with

to see it at your dealer's.

The finishes of Miller Fixtures are everlasting. They will not tarnish or wear off. They are permanently beautiful and there is a mode and model to fit every requirement in your house and your decorative scheme. Ask to see the beautiful Miller Fixtures at your dealer's.

THE MILLER COMPANY
Meriden, Conn.

MILLER Lamps and Lighting FIXTURES
of Distinctive Craftsmanship
PRINCIPLES OF GOOD LIGHTING SINCE 1844

See our complete display at 68 Park Place, the next time you are in New York

which you are interested and we will send you booklets of

Spanish English Tudor Occasional Lamps

City





ANTIQUES

We illustrate an unusually fine Sheraton small sideboard with inlays and serpentine front, and an old English painting of the Gainsborough school.

There are many other new arrivals in English and French antiques in the Colby collection.

JOHN A. COLBY & SONS
129 NORTH WABASH AVE
CHICAGO



HOW MUCH HOUSE

more for this added luxury and its accompanying charm. There can be a difference of $500 in the cost of a heating system, and another $1,000

burner installation. Complete and

in the grade of lighting fixtures, hard-

sorb several hundred dollars more.

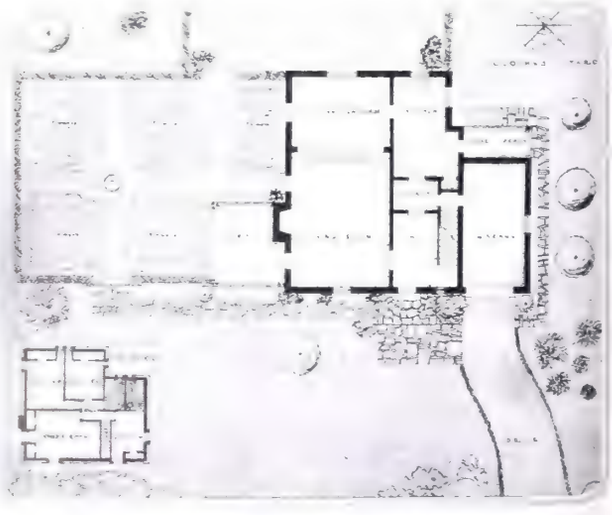
a compact rectangular plan to an extended oblong or an irregularly

the proportionate roof area and cost of special framing, the cons

add from several hundred to se thousand dollars to the cost of li space of equal volume. Corner boards for a dining room spec detailed in the Colonial manner w probably run to $150 apiece or average, and a beautifully de fireplace mantel would add at lea much again. If the architect s to create special roof effects thr a carefully proportioned curve i

an old house, or if he used the qualities of roofing materials to duce an antique roof effect, the

portion of the extra funds avail Even special trim and special win and doors, unless designed with restraint and care, may very easily



a logical arrangement of rooms on both floors. The



No. 50—Sterling Silver Cups, height, 5 inches. Per half dozen, $50.

No. 990—Sterling Silver Candlesticks; height,

SENSIBLY INTERPRETING THE SPIRIT OF MODERNISM

FAITHFULLY interpreting the spirit of the day, silver in modern design by Reed & Barton takes note of utility, as well as beauty. Here are pieces one likes to live with, to enjoy, to *use*. Here the influences of modern decoration are applied, *sensibly*, to necessary silver. See the new designs in Reed & Barton Silvercraft at your jeweler's today, or if he is not yet showing these modern pieces, he will be glad to secure them for you upon short notice.

TAUNTON, MASS. NEW YORK, N. Y.

REED & BARTON

STERLING SILVER PLATE

IN BEAUTIFUL HOMES



Irreproachably Correct

IN THE dining room, perhaps more than anywhere else in the home, the dictates of good taste and correct usage are all important. And the effect of the finest silver and dining appointments is marred unless the furniture is correct.

In beautiful homes everywhere, Limbert dining furniture lends a setting for perfect hospitality and gracious dining. Authentic in design, impressive in craftsmanship, rich in the use of fine and rare woods, these fine dining creations may be had in designs to express every personality and harmonize with the decorative motifs foremost in the vogue today.



Let us send you the Limbert "Hostess Book", an interesting treatise on the decoration and usage of the dining room, together with the name of a Limbert dealer near you. Address Department G., Holland, Mich.



CHARLES P. LIMBERT COMPANY
Holland and Grand Rapids, Mich.

LIMBERT *furniture*
by VAN RAALTE CRAFTSMEN

HOW MUCH HOUSE

(Continued from page 122)

[illegible] only stock patterns. [illegible] be assumed that the [illegible] material above are wasted of construction funds, or even are always extravagances or luxuries. The [illegible] added to the home through such features are often much greater [illegible]. They also frequently contribute to lowering the maintenance and repair expense for many years, and the beautiful architectural details thus created may still be enjoyed several generations hence as we now enjoy the fine craftsmanship of the early American builders. These features, in fact, are responsible for the distinction, charm and individuality of the homes which we point out with special pride, and the expenditures which result in this admiration and in the permanency of values which they create are well justified.

FOR INCREASED VALUE

It is worthwhile to digress briefly here to call attention to the fact that [illegible] in home building and in maintenance. The intelligent investment of funds for the highest quality construction, for the finest architecture and for the most perfect equipment creates two types of values which must always be kept in mind. Assuming that the plan and architectural treatment are not of eccentric character and that the dwelling is located where it is not subject to depreciation in value through a [illegible], the market value of a well built house is usually in excess of its cost. This is due to [illegible] know how to achieve a really fine home, but they recognize its value when they can see [illegible]. They are willing to pay for the intelligence and care exercised in the development of such a home.

The other value lies in the lower maintenance and repair cost which follows the use of the finest materials and the greatest skill in their assembly. Good masonry construction never requires subsequent attention. A permanent roof of fine materials will last for generations without the slightest care. High quality interior finishes on floors, walls and ceilings and fine woodwork, windows, doors and decorations will retain their charm and permanent value for many years after cheaper materials have required refinishing or replacement. Witness the fine plaster work in old English houses; the mural paintings in French chateaux; the beautiful ceilings in Italian villas, some of them centuries old. A measure of the quality of construction which has retained these treasures for our present day enjoyment can profitably be incorporated in modern house construction.

Returning again to a consideration of what $20,000 to $25,000 will provide in a modern home, we must realize that the margin of cost beyond the essential requirements for normal family living space is not sufficient to permit in this price range the *carte blanche* inclusion of all the desired features of a perfect home. Restraint must be exercised as it has been in houses of lower cost. The first consideration should always be given to structural quality, including the hidden construction in foundations, footings, the use of permanent high quality materials for walls, framing, and the best type of [illegible] that can be had. These things are essential to the protection of the money invested in the interior of the home. The next consideration should be the use materials and construction which will assure permanency and low maintenance cost. Today it is highly desirable to construct at least the [illegible] floor of fireproof materials in order to eliminate the hazard of fire. Many residence fires originate in the basement and spread through the building—often without warning—through walls and up stairways, endangering the lives of the occupants.

Fireproof floors for residences are now constructed with light steel [illegible] having a concrete slab above and a metal-lath and plaster ceiling below. The cost of this added safeguard is but little greater than the cost of ordinary good construction.

The insulation of walls and roof also falls under this category and should be one of the first expenditures to be made with the surplus funds that may be available after essential requirements are cared for. This insures the comfort of the household, its healthfulness, substantially lowers heating cost and protects interior decorations from staining, spotting and deterioration. The installation of the best grade of plumbing fixtures, hardware, lighting equipment and heating system should also take precedence over the secondary purely decorative appurtenances.

SPECIAL FEATURES

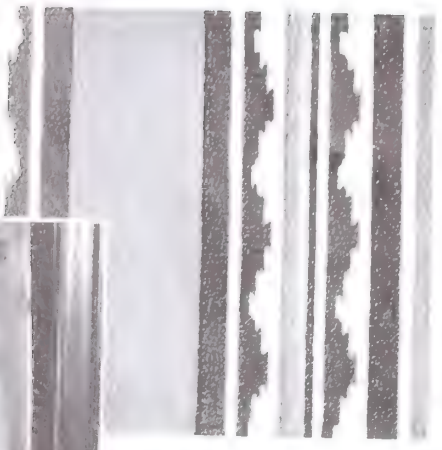
After these essentials have been incorporated in the plans and specifications, the remaining funds [illegible] properly be employed for the development of special architectural and decorative details for the exterior and interior of the home and for the inclusion of desired accessories such as limited built-in cupboards and closets for occasional bits of paneling, etc., an added library, guest room or enlarged servants' quarters.

The illustrations accompanying this article show homes recently constructed which can be reproduced at a cost from $20,000 to $25,000, exclusive of ground improvements and other accessories but inclusive of contractor's fees, profits, and the cost of architectural services. They clearly indicate both the limitations and opportunities which prevail in houses falling within this price class. Since all of them were constructed in the vicinity of New York, approximately the highest priced field in the country, they do not provide either the maximum volume nor the greater freedom in arrangement which might be possible in lower cost sections.

NOTE—The photographs and plans of houses appearing on page [illegible] the April 1928 issue and on page [illegible] of May 1928, in connection with Mr. Taylor's series, were unfortunately published without credit being given the architect. The designers of these houses were R. C. [illegible] & Bro. of New York and it is through the courtesy of this firm that we were permitted to show them.



VE CLOTH, *hand-printed dia from a primitive de- Its irregularities of weav- olor make it fascinating aperies or washed tevs. A ty of colors and patterns*

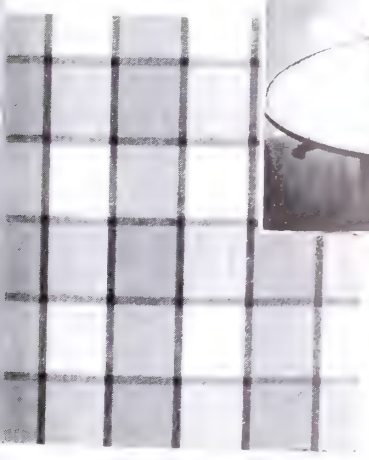


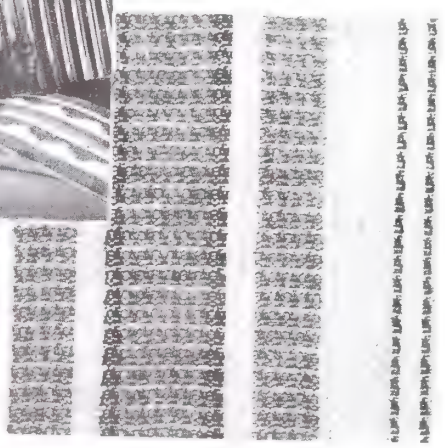
AN AMES *for drapery fabrics. A*



ILE NORMANDY *is the design so liked with h provincial decorat... vith yellow, orange, black; ith gold or black; and ny other combination*

FOR CUSHIONS *and upholstery ... allow-weave and reed, a ...d-striped linen. It is ... in bright colors, combined with natural ... black*





Colorful . . and not Costly

New fabrics for small summer homes

ABRICS for summer's uses must have more than beauty cuse for being. They must osen with an eye to prac- cy. They must sturdily tand the rigors of sun and nd shore.

umacher presents a wide ion of fabrics for just this ive service. Their smartly e designs, rugged weaves, colors are suited to every se of charming outdoor and r ensembles. And they are surprisingly moderate in price.

For [illegible] ration, Schumacher offers, at all times, an incomparable group ing of fabrics. Textiles modern in weave and design, or repro- ductions and adaptations from the great periods of the past. These may be seen by arrange- ment with your decorator, up- holsterer, or the decorating ser-

Decoration." It gives you briefly the history of fabrics, and their supreme importance in deco- rative use. You may have it, without charge, upon request.

Write to F. Schumacher & Co., Dept. E-6, 60 West 40th Street, New York. Importers, Manufac- turers, and Distributors to the

(Early American pattern illustrated)

SILVERPLATE

F. Schumacher & Co. [illegible]

—and we're going to have the loveliest Forged Iron Hardware. It's made by McKinney and fashioned after original Colonial designs





Who *wouldn't* respond to the thrill of beauty and romance caught in the rugged artistry of genuine Forged Iron Hardware by McKinney!

Its decorative possibilities are unsurpassed. For it possesses the *fundamental* virtues of a great simplicity combined with consummate craftsmanship. And these are qualities essential to almost any setting.

In creating the lovely McKinney pieces, no attempt was made to "modernize" the older patterns which have stood the test of generations of use.

What *was* done, however, was to utilize present-day facilities to make McKinney Forged Iron Hardware accurate for application, rust-proof it thoroughly, and produce it at prices which make it available even for modest homes.

Six master designs are presented: Heart, Curley Lock, Tulip, Etruscan, Alhambra and Warwick. The first three will be recognized as essentially Colonial in character. New England and Pennsylvania especially are rich in early examples of these shapes. The Heart design handle is illustrated here.

The Etruscan and Alhambra are of Southern European extraction, and the beautiful Warwick finds its prototypes in the work of early English artisans. Everything needful may be had: handle sets, hinge straps, H & L hinge plates, knobs, shutter dogs, chimney irons, foot scrapers, garage hardware, lanterns, etc.

These pieces are sold by the better Builders' Hardware Merchants everywhere. Lanterns, knockers and individual pieces are displayed by Department stores and Electrical shops. See them by all means before choosing your hardware. Its sturdy strength and beautiful rust-proofed finish will fascinate you. Forge Division, McKinney Manufacturing Co., Pittsburgh, Pa. Offices: Principal Cities.



McKINNEY FORGED IRON HARDWARE

Permanent Exhibit:
Room 431, 101 Park Avenue, New York City



Above: Heart Design handle by McKinney, aft... taken from early originals.

At left: The ever popular H & L hinge plates. McKinney in two sizes, for doors or ... chests, etc. Used in conjunction with Hinge No. 12650.

McKinney Mfg. Co., Pittsburgh, Pa.

Please send me, without obligation, the items checked.

- ☐ Brochure on Forged Iron Hardware.
- ☐ Folio on Lanterns.
- ☐ Catalog of Fireplace Equipment.

Name .....

Address ..... H...



A highly organized distribution service supplies thousands of country homes with Pyrofax Gas. This service is prompt and dependable, because of the hundred of Pyrofax service stations throughout the country.

Pyrofax,

a genuine gas, brings every cooking convenience of the city to your home beyond the gas mains



ERY housewife wants the convenience, liness and freedom from drudgery that dern gas range brings to cooking. And with Pyrofax every home beyond city s can actually have a modern gas range e kitchen and real gas to cook with. A efficient kitchen in the country!

rofax is a genuine gas, derived from al gas. Not gasoline or kerosene, not le. But *actual gas*—like city gas. It s with a hot, sootless, clean flame. It keeps chen cool and comfortable in summer. fax gives results in cooking that only the ly controlled flame and responsiveness of gas range can give. With Pyrofax you se any make of range you prefer—lern range, one with an efficient oven egulator that guarantees successful bakves gas—that will cook whole meals ly without attention and leave you free s you like.

ax is stored in steel containers and de- to country homes by a nation-wide hundreds of conveniently located ser- ations. Two Pyrofax cylinders are d in a neat steel cabinet outside the house. holds the equivalent of approximately cubic feet of artificial gas. One cylinder ervice while the other remains in reserve. lard gas pipe is used for all connections. llation anywhere is simple and quick because Pyrofax requires no special appliances. Thousands of country homes and institutions use and endorse this perfect fuel.

AUTHORIZED AGENCY FOR Pyrofax DEPENDABLE GAS SERVICE BEYOND THE GAS MAINS

This symbol tells the public where to get Pyrofax

Pyrofax is a product of one of the largest industrial organizations in the country. You can have the utmost confidence in this product and be certain of continued, dependable service.

Prices of Pyrofax equipment completely installed, including gas range, exclusive of gas, are $135 and up, depending on the equipment selected.

Install clean, efficient, economical Pyrofax Gas Service and you can have a handsome modern gas range and the cool convenience of a city kitchen in your country home. You will want to know all about Pyrofax. Have a demonstration by the Pyrofax dealer in your community or return the coupon for complete information.

Y R O F A X D I V I S I O N

RBIDE AND CARBON CHEMICALS CORPORATION

Unit of Union Carbide and Carbon Corporation

—1917 Old South Building, [illegible]
[illegible] Madison Ave. and W. 115th St.
[illegible] People's Gas Building

[illegible] Forest Park Blvd.

PYROFAX DIVISION
CARBIDE AND CARBON CHEMICALS CORPORATION
(Please address office nearest you)

Please send me further information on Pyrofax and the name of the nearest distributor.

Name _____

Address _____



The GRECIAN Pattern

UNIVERSAL COFFEE URN SET

YOU sense it instantly—in the smooth flow of lines into forms of loveliness and distinction, in the wisely restrained use of ornament—that intelligent, gifted touch of the artist which distinguishes UNIVERSAL Urn Sets as the consummation of creative art in Electric Table Service.

Yet beauty is not all that makes a UNIVERSAL Urn Set become priceless in your possession. You will treasure it for the charming way it assists you in assuming the role of hostess for the delectable, stimulating beverage it aromatically brews every day without effort, without fail—for the exhilarant feeling of assurance it brings you in knowing that your Coffee Service is correct in every detail, is worthy of the admiration of your friends, is as nearly perfect as man can make it.

UNIVERSAL



A shaded, balustraded terrace in an angle of the house has been developed into a real outdoor living room by Dr. and Mrs. J. J. Warner, of Denver

FROM SAGEBRUSH TO GARD

(Continued from page 156)

Garden hoses water instead of music now as it flows through the pipes which two little figures of frogs spit jets of water that dash against the platform on which the bronze boy is crouched.

Along the sides, back of the walks, and with a background of leafy shrubs, there is a constant show of flowers. Narcissus, Tulips, Iris, Peonies, Phlox—every conceivable old standard flower and a number of the lesser known perennials have found a home there and more than repay the owner of this garden for their care.

Fifty years ago on every side of this site would have been the sere plains. Today, I might take you but a score of paces from this garden and we would find another. A green parasol is on the living terrace. Flagstones on the terrace are bordered by bright green grass that has grown up between the flags. The Russian Olive which has been planted in the terrace gives adequate shade and its feathery silver-green foliage lends interesting contrast to the other greenery which has grown there within the past three seasons.

There is a garden building just across the width of a garden wall from this house where the interesting terrace invites the dwellers in the house out into the open to live. And the new garden, still a little in the raw state, destined to be the rival of some of the most interesting gardens in the Rocky region. Two years ago this lot of ground still supported Yucca and Sage. Now it is on the highroad to be made a lovely home grounds around a magnificent dwelling.

Across the street and down the block there is another model little garden. But a livable garden nevertheless. Not far from that there stands a house which has a splendid yard in front of it—a perpetual invitation the house dweller to step out into the sunshine or into the shade of the trees that lift their plumy heads with the vivid green of the lawn

(Continued on page 164)



Many of Denver's home grounds are very different from the prospects of Sagebrush days. This bit of John Causey's garden illustrates the change



MANY a place in your home—in the brilliance of a window, on a table, at the curve of stair—would be clear setting for a piece of beautiful pottery, and in turn gain fresh attraction. Weller Ware is beautiful pottery. Now new, now Grecian in design—from pale cool ivory to all colors of fire. There are tall and squat vases. Capacious fruit bowls. Bulb bowls. Candlesticks and lidded boxes. Ideal June gifts, including the cottage luncheon sets and distinctive kitchen pottery. Also Graystone garden urns, bird-baths, footed jars, child figures, vases, and sun-dial pedestals. All are reasonable in price. Paula Morgan, authority on garden and home decoration, will give free advice regarding any decorative need. Write her in care of The Weller Potteries, Zanesville, Ohio.

WELLER WARE



Your Perfect Servant

Here she is at last! When this Perfect Servant comes into your kitchen, drudgery flies out the window. She will help you to better housekeeping and give you the time and strength to be a better home maker.

In cooking and baking, this Maid will do virtually everything, electrically, better and quicker than you can do it by hand. She is never tired and never lets you get tired. She will improve the quality of your foods and make them more wholesome.

She mixes, beats, whips, slices, chops, freezes ice cream and does 101 other food preparing tasks with a speed and thoroughness that you must see to believe.

And if you have a flesh-and-blood maid in your home, this Electric Maid will prove no less a blessing. For she will make your real maid more contented and efficient and encourage her in sanitary methods.

Attaches to any light socket—costs 1c an hour for current—so simple a child can operate it.

[illegible]

The Kitchen-Aid Manufacturing Company
[illegible] Ohio



KitchenAid
Electrical Food Preparer for the Home

The [illegible] Co.
[illegible] Ohio

Send KitchenAid Book to:

Name

Street

City

A TOUR OF BRITISH GARDENS

(Continued from page 67)

[illegible]

July 17
A. M.
Knutsford, Cheshire
P. M.
Windermere, Westmorland
HOTELS & RATES
Rates: Windermere [illegible] without ba[illegible]

July 18
A. M.
Windermere, Westmorland
P. M.
Penrith, Dumfries
HOTELS & RATES
[illegible] Hotel [illegible] without lunch.

July 19
A. M.
[illegible], Dumfries
P. M.
[illegible]ow, Lanark
HOTELS & RATES
[illegible] Hotel [illegible] bed and breakfast.

July 20
[illegible]

July 21
A. M.
Glasgow
P. M.
[illegible] Bridge (via Loch Lomond)
HOTELS & RATES
[illegible] Palace Hotel, [illegible] Beach.

July 22
A. M.
[illegible] through Inverness
P. M.
Fochabers
HOTELS & RATES
[illegible] Arms Hotel, [illegible] without bath

July 23
A. M.
Fochabers, through Aberdeen
P. M.
[illegible]
HOTELS & RATES
[illegible] Hotel Annexe, [illegible] without

July 24
A. M.
Montrose, [illegible] the coast
P. M.
[illegible]burgh
HOTELS & RATES
Royal Station Hotel, [illegible] bed & bre[illegible]

July 25
A. M.
Edinburgh
P. M.
Chollerford, Hanshaugh-on-Tyne
HOTELS & RATES
[illegible] Hotel [illegible]

July 26 (with luggage)
A. M.
Chollerford
P. M.
Durham, Durham Cathedral, [illegible] (Norman)
REMARKS
Durham cathedral is one of the lov[illegible] in England. The old castle, now u[illegible] school, is well preserved and restor[illegible]
HOTELS & RATES
Hotel Unicorn, Ripon, York. 8/6 breakfast.

(Continued on page 13)

. 1928

Smart



make your living room sparkle
h individuality . . .

o give it that smart modern air . . .

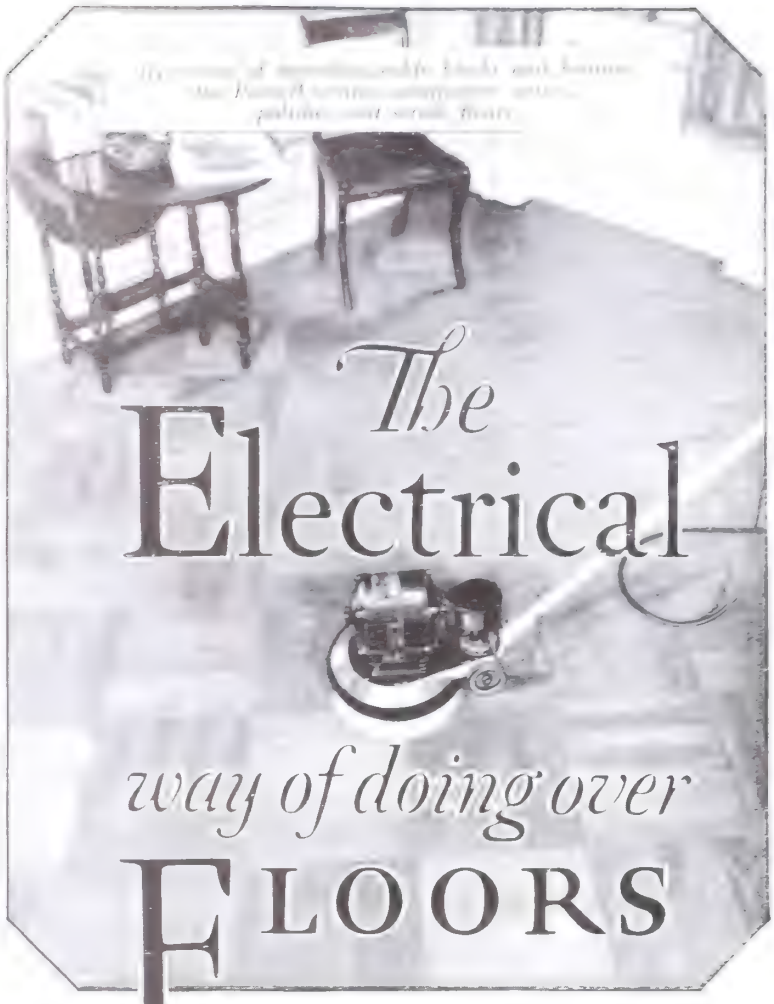
Choose for it some of those lovely
Imperial Tables now on display in the
principal shops . . .

You will find clever designs . . . rare and
beautiful woods . . . finished handiwork
by skilled Grand Rapids craftsmen . . .

IMPERIAL FURNITURE COMPANY
"World's Greatest Table Makers"
GRAND RAPIDS MICHIGAN



Imperial Tables



The Electrical way of doing over FLOORS

With this amazing new machine you can scrape and refinish them yourself



With

ROBRAS 20-20 RADIATORS

Your Windows Can Come To The Floor Line

PERHAPS you too admire rooms in which the windows come down to the floor line. Sometimes such windows are used as French doors, opening on to a terrace. Sometimes they are just windows letting in long, wide shafts of sunlight.

Whenever you expressed your desire for them, however, you were [illegible] dows."

That's all over now, though. Robras 20-20 Radiators can be put in the wall, between the windows, out-of-the-way. These radiators are made of brass and are designed to be concealed. Almost any amount of radiation can be installed in a space only four inches deep.

When installed between the windows, a small grille in the wall facing the room, admits cool air to the radiator where it is rapidly heated and passes out through grilles in the sides of the window recess.

These Robras 20-20 Radiators can be used with steam, hot water or vapor systems. They can't rust or leak.

Your name sent on the coupon below will assure your receiving an interesting [illegible]

A TOUR OF BRITISH GARDENS

(Continued from page 132)

[illegible]

A. M.

[illegible] Preston, York. Per. [illegible]

P. M.

[illegible] Preston, York. Per. [illegible] & Sun Course. O—Hon. Col. [illegible]

[illegible]

HOTELS & RATES

Londesborough Arms, Shelby, York. 7/6

[illegible]

REMARKS

[illegible]

HOTELS & RATES

[illegible] Arms, Woodhall Hall, Rud[illegible] Bridge, Northants. O—Sir A[illegible] Dryden, Per. E. S. U.

P. M.

Gayhurst, Newport Pagnell, Bucks. O—[illegible] Castle, Per. White owner.

REMARKS

[illegible]'s Abbey [illegible], very old estate [illegible] Walks, steps and Cedars.

Gayhurst is a historic old Elizabethan ma[illegible] Gardens [illegible] formal design.

HOTELS & RATES

Sun Hotel, Hitchin, Hertford. 14/6 wit[illegible]

[illegible]

A. M.

[illegible] Preston Village, Her[illegible] Herts. O—Mrs. Douglas Vichers; Agt J. W. Dawson; G—Mr. W. Austin; Per[illegible] Town architect, Sir Edwin Lutye[illegible]

REMARKS

Temple Dinsley has fine detail but was [illegible] and not well maintained. Via [illegible] mansworth (Old Tannery House for te[illegible]

HOTELS & RATES

Chorley Wood Hotel, Chorley Wood, Buc[illegible] 15 without lunch (too near R. R.).

[illegible]

P. M.

[illegible] Gayhurst, Newport Pagnell, Bucks. O—Au[illegible] Dudley Ryder, Per. White Owner.

REMARKS

Aldenham House is interesting horticul[illegible] ally for its collections of Phlox, rock [illegible] den plants, etc. The formal gardens ar[illegible] bedding plants, all well maintained.

The Grange is a charming small place [illegible] artistically restored and remodeled by [illegible] architect owner. Gardens not pretent[illegible]

HOTELS & RATES

Hotel Bucklands, Wallingford, Berks [illegible] Formerly an old estate [illegible] tennis courts and quiet surroundings.

July 31 Sunday

[illegible]

HOTELS & RATES

[illegible]

[illegible]

A. M.

[illegible] Gloucester [illegible] Major H. Dent, Brocklehurst; Per. White

REMARKS

[illegible] estate with [illegible] delightfully [illegible] maintained. [illegible] Cotswolds.

HOTELS & RATES

[illegible] Lygon Arms [illegible]

Aug. 2

A. M.

Stratford-on-Avon. SHAKESPEARE'S Hous[illegible] & Gardens. Open daily (fee).

Avon [illegible] Course. Shotter[illegible] Stratford. Open daily (fee).

Hillborough, Stratford-on-Avon. O—Mr. [illegible] Per. White Owner.

P. M.

[illegible] Castle, Warwick. O—The E[illegible] of Warwick. Open daily, 10-4:30 (fee).

Wooten Hall, Wooten Wawen, W[illegible] Warwicks. O—R. D. Grimess, Esq.; G—Mr. [illegible] Per. White owner.

REMARKS

Wooten Hall has an [illegible] garden and especially interesting for details of paving, steps, walls and raised flower beds. (From Stratford-on-Avon, Charlecote, Compton Wynyates, a quaint Cotswold village. From Wooten Wawen go via Henley-in-Arden.)

HOTELS & RATES

[illegible] Bucklands Green, Warwick

Aug. 3 (with luggage)

A. M.

[illegible] Ashby, Weedon Hall Hotel, Rud[illegible] Harborough, Northants. O—Sir A[illegible] Dryden, Per. E. S. U.

P. M.

Gayhurst, Newport Pagnell, Bucks. O—[illegible] Castle, Per. White owner.

REMARKS

Gayhurst is a historic old Elizabethan ma[illegible] Gardens [illegible] formal design.

HOTELS & RATES

Sun Hotel, Hitchin, Hertford. 14/6 wit[illegible]

Aug. 4 (with luggage)

Temple Dinsley, Preston Village, Her[illegible] Herts. O—Mrs. Douglas Vichers; Agt J. W. Dawson; G—Mr. W. Austin; Per[illegible] Town architect, Sir Edwin Lutye[illegible]

REMARKS

Temple Dinsley has fine detail but was [illegible] and not well maintained. Via [illegible] mansworth (Old Tannery House for te[illegible]

HOTELS & RATES

Chorley Wood Hotel, Chorley Wood, Buc[illegible] 15 without lunch (too near R. R.).

Aug. [illegible] (with luggage)

[illegible] Hunsdon House, Hunsdon, Herts. O—[illegible] Gibbs, G—Mr. Edwin Beal, Per. E. S. U.

P. M.

The Grange, Wendover, Bucks. O—Au[illegible] Dudley Ryder, Per. White Owner.

REMARKS

Aldenham House is interesting horticul[illegible] ally for its collections of Phlox, rock [illegible] den plants, etc. The formal gardens ar[illegible] bedding plants, all well maintained.

The Grange is a charming small place [illegible] artistically restored and remodeled by [illegible] architect owner. Gardens not pretent[illegible]

HOTELS & RATES

Hotel Bucklands, Wallingford, Berks [illegible] Formerly an old estate [illegible] tennis courts and quiet surroundings.

Aug. [illegible]

A. M.

Sutton's Nursery, Reading, Berks. [illegible] Secured at town office. Saturday is a busy day at the nursery as it closes at [illegible]

P. M.

Dropmore, Burnham, Maidenhead, [illegible] O—Mrs. J. B. Farmiloe. G—Mr. [illegible] Open M. & Sat. 11-5

REMARKS

Dropmore is a large estate with love[illegible] park. Famous for the Italian garden [illegible] dodendron walks and collection of [illegible] greens. Via Sonning (French Horn [illegible] on river, for lunch—good!).

HOTELS & RATES

Hotel Bucklands, Wallingford, Ber[illegible]

(Continued on page 160)



"The expression of the beautiful is a chief means in art." — BECKWITH

BEAUTY imprisoned and preserved in imerishable creations! That is the accomplishment of charming Roseville Pottery.

It is beauty that ever lasts, adorning the ome with subtle distinction. Or as gifts, exressing sentiment and appreciation in a manner always to be treasured.

Lovers of good pottery find delight in such orms as are pictured here... in the delicate lines nd graceful curves... in the soft, pleasing colors.

These and other pieces in entrancing variety are obtainable at good stores. They are he fruition of more than three decades of oseville master artisans.

THE ROSEVILLE POTTERY

ROSEVILLE POTTERY



. . . sweet grasses
ive Switzerland Cheese
r of flavors

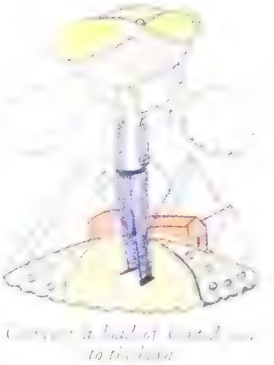
over the world serve Switzer- Cheese. Then, that one



only serve it by itself, but use it in making dishes where the flavor note must be subtle yet unmistakable. Successful hostesses insist that Switzerland Cheese be served at their dinners, luncheons and informal suppers. It is amazing how many different ways it may be offered. Diced in soups. In hors-d'oeuvres. With cold cuts. In salads. With fruit. With the demi-tasse. In dainty or generous sandwiches.

Switzerland Cheese is sold everywhere. Look for the words "Switzerland" on the rind and be sure to ask for pound and half-pound cuts instead of sliced thin. Occasionally the natural color of Switzerland Cheese varies from a cream to a butter yellow. The size of the eyes also varies from large to medium large. The wonderful flavor of Switzerland Cheese, however, never varies. The more you buy this cheese the more you will realize it. Switzerland Cheese Association, Berne, Switzerland. New York Office, 105 Hudson St.

ND CHEESE



MODERN FLOORS OF AUTHENTIC DESIGN

BY SLOANE



One of the Sloane Linoleum patterns. Color in both tubs. Color in broom handles. Andgolon bedroom floors. This room is an example of the pleasing effects obtainable in bedrooms with the new linoleums, correct in design and color. Linoleums suitable to every purpose, designed and manufactured by Sloane, are sold by Carpet Stores throughout the country. Inquiries addressed to our Service Department, 279 Fifth Avenue, New York City, will be given prompt and courteous attention. W. & J. Sloane Manufacturing Company, Trenton, New Jersey.

W & J SLOANE LINOLEUM



The Week-end Trunk
hat holds everything!

NOW, for your week-ends and your motor trips we've made you a complete wardrobe trunk *in miniature*.

The Oshkosh "Taxi Wardrobe" weighs only 35 pounds and is not much larger than a large suitcase. Yet there's room in it for *all* the clothes you need for a week-end—or for a fortnight, for that matter.

And if you care anything for serviceability and good looks, give more than a passing thought to this simple fact: it is made by the makers of the finest trunks in the world.

An attractive descriptive booklet, "Your Home Away From Home," will be sent you on request.
434 High Street, Oshkosh, Wisconsin

THE OSHKOSH TRUNK COMPANY
Oshkosh, Wisconsin, U.S.A.

OSHKOSH
TRUNKS



Size 36" x 22" x 14"

Good Buildings Deserve Good Hardware

CORBIN



They won't close the screen door . . . *but Corbin will*

THAT creak, bang, slam—no need of your screen door acting that way.

Each unclosed space between door and frame, inviting flies to enter. No need for that either. Closed tight. That's the way your screen door should be after it has been used, every time. And that's the way it will be as soon as you put on a Corbin screen door check.

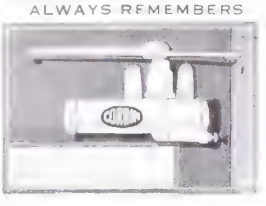
If the youngster forgets to close the screen door, the Corbin check remembers. When the children pull open the screen door in a race for the lawn, the Corbin check will close it—quickly, silently, surely.

Outdoor weather is here. Fly time is coming. Protect yourself from annoyance.

Get a Corbin screen door check from your dealer. It will add much to your summer comfort. It will cost surprisingly little. It will be Good Hardware—Corbin.

THE CORBIN DOOR CHECK ALWAYS REMEMBERS

Write Dept. H-o, P. & F. Corbin, [illegible] for booklet [illegible]



P. & F. CORBIN
SINCE 1849
NEW BRITAIN, CONN.
The American Hardware Corporation, Successor
New York Chicago
Philadelphia

Anyone who can drive a car *can drive a Chris-Craft*



A CHRIS-CRAFT All-Mahogany Runabout can be driven moderately or made to vie with the wind in speed. It can be driven long distances, at high speed, for many hours, without fatigue and without trouble.

Women and children can drive a Chris-Craft. All ages enjoy its complete security and riding comfort. Think what a Chris-Craft would mean to your family! Access to the waterways of the world — thrills, luxury, convenience and comfort.

Now that volume production has brought Chris-Craft prices lower than those of a quality automobile, there is no need for any family to be without one.

May we send you this Booklet?

It [illegible] complete Chris-Craft [illegible] eleven [illegible] models, specifications and prices.

CHRIS SMITH & SONS BOAT CO.

[illegible] Michigan



Chris-Craft

$995 to $9750

THE WORLD'S LARGEST [illegible] RUNABOUTS



[illegible] are excellent to mark the boundaries of [illegible] and for many other [illegible] purposes. They are [illegible] and durable

FENCES THAT SCREE

(Continued from page 100)

[illegible] kind of fence is preferable and of greater [illegible]. But often the matter [illegible] a more formidable than the [illegible] and temporary expedient to be effected by the use of even [illegible] would have over a wall, as well as the convenience of taking [illegible] placed after the paths [illegible] a new plan when [illegible] would [illegible] of money in the [illegible] pocket.

[illegible] is [illegible], although [illegible] wall, are [illegible] that quality as [illegible] Then [illegible] top of post [illegible] and [illegible] Ivy [illegible] wire arms [illegible] the [illegible] of eight or ten feet and stuccoing the whole structure. [illegible] importance in this case [illegible] a [illegible] stucco base [illegible] and a [illegible] at the top. In such a situation as this tiny city garden where every inch of earth is precious a structure like this fence which takes up only three inches of space even more than the cost advantage over a wall which would require a foot of space.

The fence which does not have [illegible] serve as a screen presents comparatively few problems. Wood picket fences, ornamental iron fences, open trellis fences, are all at the service of the householder who wants only to mark a boundary line. For example, the wood hurdle fence, the heavy post and rail fence or the [illegible] are usually the plainest looking of these.

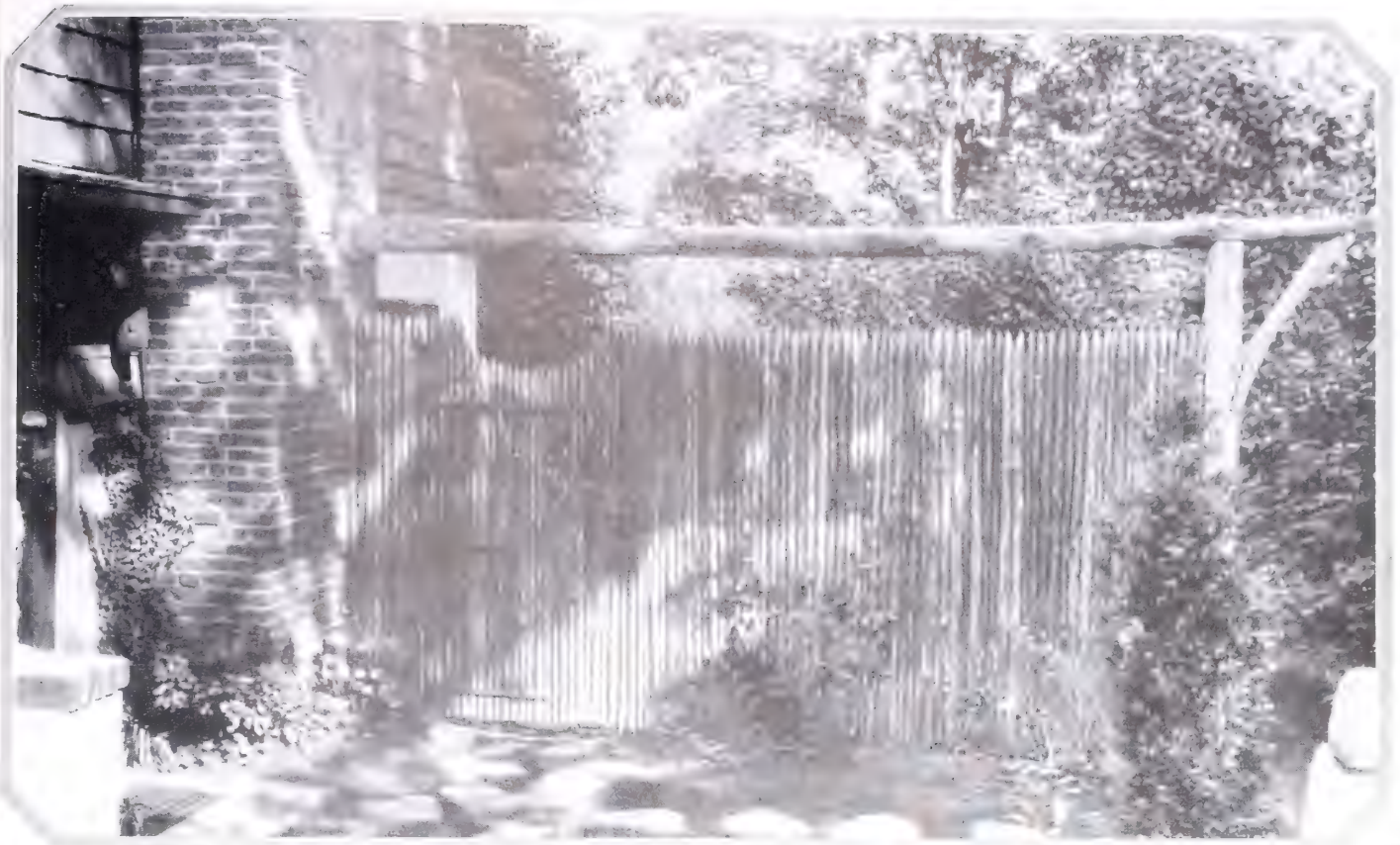
For out-and-about physical protection, especially on country places, the various grades of chain link fencing are excellent. These are built of heavy steel thoroughly galvanized, and they will. They will not provide privacy excluding the view of passers-by, to be sure, but this point can be overcome by sufficiently tall and dense planting inside them. Their extreme neatness and great efficiency are above criticism, of course.

TREASURES IN LEATHER

(Continued from page 100)

[illegible] Whistler could not [illegible] that way, nor would he leave off, but insisted on completing the work, and of course there was no help for it as otherwise the room would have been ruined. Whistler appeared to think himself much abused, and afterwards was pleased to point out that certain gold discs he had painted on the leather represented the shekels in the clutches of the owner of the room, shekels symbolizing the fee which he believed should have been paid him.

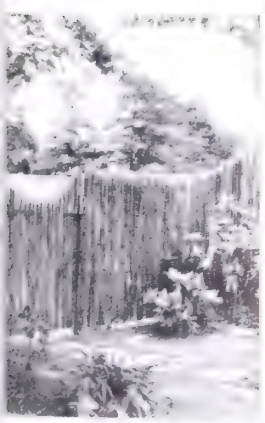
The collector of leathern antiques will, now and then, come upon interesting pieces covered with a sort of leather known as Shagreen, pieces such as snuff-boxes, watch-cases, little boxes, knife-cases, card-cases, cases for mathematical instruments, etc. Shagreen is a leather treated by pressing into its surface hard globular seeds of a plant called Goosefoot. This causes the surface of the leather to become hard and pitted all over with hemispherical indentations. The leather is then scraped until the indentations nearly disappear, after which it is soaked. Soaking causes the hemispherical spots to swell and [illegible] which, in the drying, remain on the surface, giving to the leather a granulation. This finally receives a dressing of oil and, in the old pieces, is usually colored green, although in the past two or three years, very beautiful shagreen in a number of other colors has been made. This shagreen is not to be confused with that made of sharkskin [illegible] the Japanese employ in some



Get this *Privacy* for your Garden with this *Lovely French Fence*



OH, THE JOY OF HAVING A [illegible] IN THE OLD WORLD! THAT IS ONE of the [illegible]



IT has remained for most Americans a mystery—the easy manner in which the French and English

e. There's time for tea, time for fé, and always time to enjoy their rden.

at a garden abroad is quite different from the usual garden here. here, privacy is almost the first nsideration. No wonder they ve their gardens so!

ow they have achieved is privacy so almost niversally is explained by Dubois Woven Wood Fence. For centuries this native French fence has been used to screen the family as they sat in their garden sipping their cordials or wine. In effect it has made of French and English gardens an extra room, in many ways the most charming "room" ever planned.



You, too, can have the charm and romance of an old-world garden wherever you live by erecting Dubois. And at surprisingly small cost! It is adaptable to any landscape, is used with equal success on a small plot or an estate front a mile long, and is very easy to put up.

Dubois is made by hand of split, live, chestnut saplings bound tightly together with heavy, rust-proof Copperweld wire. It comes in 5-ft. sections, in three heights, 3 ft. 10 in., 4 ft. 11 in. and 6 ft. 6 in., with quaint gates to match. Imported solely by Robert C. Reeves Co., 187 Water Street, New York.

DUBOIS
Woven Wood Fence

[illegible] Fences in America. Robert C. Reeves Company is well qualified to advise on all matters pertaining to fencing. Letters requesting specific advice will receive prompt attention. Other fences carried are Cleft Chestnut Fence, Reeveshire Hurdle Fence, Old-Fashioned Post and Rail Fence, English Wattle [illegible]

Send in the coupon below to receive a copy of this interesting portfolio describing Dubois in detail. Beautifully illustrated. Free.



ROBERT C. REEVES CO.
187 Water Street, New York City

Please send me your free illustrated Portfolio and Price List of Dubois Woven Wood Fence.

Name _____

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WASHINGTON-WAKEFIELD *Pattern*



AT the beginning of the 18th century, Timothy Dwight of England was turning out a beautiful salt-glaze ware, decorated with scrolls, basket-weaves, lattice-work and other designs. Naturally some of this precious ware found its way to the table at Wakefield, Virginia, where George Washington was born and spent his early days.

This historic shrine burned Christmas day, 1870. The Wakefield National Memorial Association finally prevailed upon the Government to trace the foundation of this mansion for the purpose of restoring it. During the excavating, fragments of this old salt-glaze ware were found; nearby, the bones of a boar's head, a mute relic of the joyous and hearty Christmas celebration which preceded the burning of this historic edifice. Enough of this ware was found to make it finally possible to reconstruct the original pottery with fidelity, both as to dimensions and design.

It is with great pleasure that the House of Plummer offers this Washington-Wakefield Memorial Service to its patrons. Shipments will be made in sequence that orders are received, subject to any delay of the pottery in supplying the demand. This pattern, made by a world famous pottery, bears the stamp of this House. Delivered free anywhere in the United States.

Inquiries invited. Prompt service by our Mail Order department to out-of-town patrons.

Wm. H. PLUMMER & Co. Ltd.

7 & 9 East 35th Street, New York

NEW HAVEN, CONN.
95 Chapel Street

HARTFORD, CONN.
36 Pratt Street

COLOR FROM FROST TO FROS

(Continued from page 70)

[illegible] Hollyhocks, Foxglove, Hollyhock and Oriental Poppy (Bocconia). [illegible] In the background, Coreopsis, the Astilbes, Shasta Daisy, Bellflowers, Scabiosa and Pyrethrums are pleasing plants for [illegible] planted, while of the many [illegible] of Delphinium of which Sweet-william is the most popular, Stokesia [illegible] (Castilium) may be used in the foreground.

[illegible] of midsummer [illegible] by the Mulleins, plants too little known in American gardens, and the Globe-thistles (Echinops), but no midsummer garden would be complete without the beauty of at least a few varieties of Phlox. They do not do well when they lack sufficient moisture, and are apt under these conditions to lose their lower leaves, but if we plant them back of something, such as Peonies or Iris, this defect will [illegible] so apparent.

A wide variety of annuals seems to be the most satisfactory solution for the problem of hot weather, and if we are so fortunate as to have a few good masses of Snapdragon, Calendula, Asters and Zinnias in the garden we are sure [illegible] color.

The Coreopsis and Delphinium, as well as other perennials, will remain [illegible] and lend a touch of color here and there, but the mainstay of the midsummer garden must be either annuals or [illegible] flowering bulbs of the Lily and Gladiolus type. There are a number of the [illegible] among which we have the gloriously colored Tritonias, the Tuberose (Polianthes), and the English and Spanish Iris as well as the [illegible]

[illegible] GARDEN

In the fall the garden is almost [illegible] color, for so many of the summer perennials will produce a second crop of blooms if cut back and not allowed to form seed, and then the annuals will carry on brilliantly until frost as a gentle hint of coming winter puts an end to their activities. All of these coupled with the Heleniums, Helianthus, Mallows, Boltonia, Hardy Asters and Hardy Chrysanthemums are sure to produce color luxuriant enough to please all. Chrysanthemums are not always as hardy as they might be, and unless we are willing to take a chance of being disappointed should an early frost nip the buds, we must confine ourselves to the button type, or those very hardy, old-fashioned varieties that are often found growing in country gardens but are absent from nursery lists.

It is a happy circumstance that most of the fall blooming things, such as we have just mentioned, are tall and serve well as background material, for they may be placed well back in the border where their green foliage will set off the brilliance in front of them and not mar color masses in the middle and foreground of the beds. We must not, however, overlook the few good fall blooming perennials which belong to the middle ground: the Aconitums and Japanese Anemones which are far too [illegible] to be left out, for they intermin[illegible] well with late Phlox and the ann[illegible]

With such a list of material t[illegible] one can readily see that the pro[illegible] of succession of bloom becomes n[illegible] one of placement. The little pla[illegible] companying this article may ser[illegible] make clear a method which [illegible] satisfactory in getting a feelin[illegible] color throughout the season ov[illegible] entire garden. The method not[illegible] depends upon a division of the[illegible] into sections and the segregatio[illegible] of plants belonging to each of [illegible] divisions, but it also depends up[illegible] an intelligent and satisfactory dis[illegible]tion of the plants allotted to the ri[illegible]ous divisions. We still have t[illegible] pay attention to such important ite[illegible]s as color harmony, balance, heigh[illegible] and manner of planting.

COLOR IN SEASON

Experience has shown that [illegible] narrow drifts are the most effe[illegible] manner of making the most of [illegible]lor in season, for these drifts co[illegible] a long area but an exceedingly [illegible]row one which is easily covered w[illegible] plants behind or in front wh[illegible] its bloom has departed or has [illegible] come. Thus we escape the ugli[illegible] of bare spots here and there wh[illegible] are bound to occur when wide ma[illegible] of Poppies or Bleedingheart pass [illegible] undue masses of green foliag[illegible] such as would be left by Iris and L[illegible] were not thin enough to all [illegible] flowers in back to interming[illegible]

Spring:

21 Iris Purple King
22 Iris Mme. Chereau
23 Goldentuft (Alyssum)
26 Candytuft (Iberis)
27 Aquilegia hybrids
29 *Iris fallida*
30 *Iris florentina*
[illegible] Peonies
36 Globeflower (Trollius) *Trollius europæus reptans*

Summer:

5 Delphinium
7 *Scabiosa caucasica*
Archiest Indica
9 Foxglove
10 Painted Lady (Pyrethrum)
12 *Veronica spicata*
15 Peach-leaved Bellflower
16 Early Daylily (*H. flava*)
16 Plume Poppy (Bocconia)
17 Steel Globethistle (Echinops)
18 *Veronica longifolia subsessilis*
20 Coreopsis
24 Shasta Daisy
25 Sweet-william Newport
28 Stokesia
32 Phlox Miss Lingard
33 Japanese Iris Purple Dr[illegible]
34 Japanese Iris Gold Bou[illegible]
38 Astilbe Ceres
39 Astilbe Gladstone

Fall:

1 Boltonia
2 Mallow (Hibiscus)
3 *Asternovae-angliae*
4 *Helenium autumnale*
6 *Aconitum autumnale*
11 Phlox Eliz. Campbell
14 *Anemone japonica*
19 Phlox Eclaireur
35 Button or Hardy Chrysa[illegible]

TRADE **YALE** MARK

Supreme Symbols of Protection



Pin-tumbler Drawer Lock, of a complete line of trunk, er and cupboard locks.



Yale Door Closer — made in six sizes for all types of doors.





Jackson Design Yale Bronze Hardware. Yale has many designs in various schedules to

From modest cottage to mansion, including and for every door, chest, closet and cabinet Yale provides Locks, Hardware and Door Closers, each recognized for its inherent possession of Yale attributes.

Because Yale's [illegible] and experience are [illegible] accomplishment [illegible] back of it cumulative [illegible] otherwise be available. [illegible] chased to Yale exacting [illegible] by Yale's own chemists and metallurgists. Careful inspection each step of the way insures perfection and [illegible] ture is too slight for strict adherence to Yale's rigid specifications.

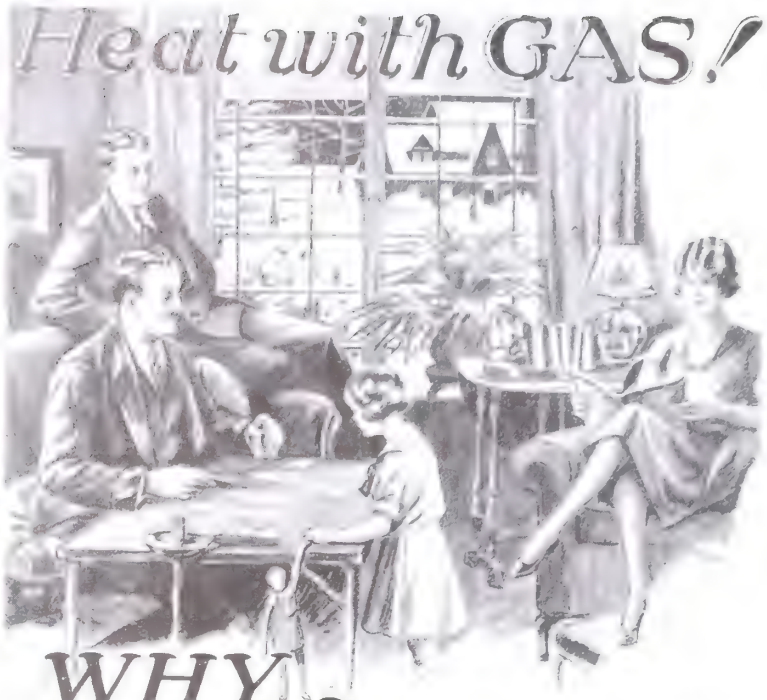
When you purchase Hardware, Locks, Door Closers, Chain Blocks, Hoists and Electric Industrial [illegible] know that from start to finish everything humanly and mechanically [illegible] co-ordinated that Yale may serve you better. Men, methods and [illegible] to maintain Yale leadership.

ıe Yale & Towne Mfg. Co., Stamford, Conn., U. S. A.

Canadian Branch at St. Catharines, Ont.

YALE MARKED IS YALE MADE

Heat with GAS!



WHY NOT?

"[illegible]

THINK of a warm air heating plant which burns gas as perfectly as does your kitchen range. Think of a furnace without smoke, odor, soot, dust or ashes—one that automatically furnishes healthful, properly humidified, fresh-air warmth of the exact degree desired. Think of a furnace that need not be "tended" from the day you light it in the fall until you shut it off again in the spring!

Columbus Gas Furnace

The Heating Plant That Tends Itself

W[illegible] burned gas is the [illegible]. It is always the same in quality; supplied as you need it; paid for as you use it. [illegible] weather, costing no more in price or delivery by strikes, [illegible] or transportation difficulties.



The Columbus Gas Furnace converts into useful warmth [illegible] of the heat units in the gas. Automatic control turns the gas on only as needed and shuts it off again when the thermometer indicates that the rooms are as warm as desired. Another automatic device always keeps the humidifier filled to the proper level. And the automatic safety pilot light makes this furnace safer even than a kitchen gas range.

Your [illegible] Company will [illegible] every statement made in this advertisement [illegible]

H[illegible]

G[illegible] other domestic heating plant burns [illegible] fuel [illegible] and [illegible] as well.

The Columbus Heating & Ventilating Co.
425 W. Town St., Columbus, Ohio
Please send me [illegible]
Name
Address

The Columbus Heating & Ventilating Company
425 W. Town St., Columbus, Ohio

Carlin Comforts



EN ROUTE

There is a "Bon Voyage" in every Carlin Comfort for travelers by land, sea or air. Come and choose where choice is as wide as the sea itself. What myriad hued travelling sets with pillows peeping from harmoniously lined bags. What a profusion of smartly plaided shawls. What gay and brilliant hand quilted robes. Here are comfortable things—delightful things—for a week-end trip or a cruise 'round the world. Carlin travel accessories are as practical and beautiful as Carlin things for the Boudoir.

Carlin Comforts Inc

Chicago
662 N. Michigan Ave.

New York
528 Madison Ave., at 54th St.



Roses, too, were excellently displayed in a truly garden-like [illegible] Philadelphia Standard, bush and climbing [illegible] all representative. This exhibit was by Conard-Pyle Co.

THE FLOWER SHO

(Continued from page 75)

the moment the doors were thrown open to the morning mad they were crowded at night. I early [illegible] that the evening would be a good [illegible] the flower show, I, with a couple of friends, hopped there about seven p. m. We entered the doors, were engulfed by swallowed up in the vortex of the crowd, moved hither and thither, almost suffocated, and quite unable to see much less gather any impressions of the show. Disappointed, I determined to visit the show in the early morning, so, presenting myself at a side door at a [illegible] past eight I pressed through the portal into what was a veritable temple of flowers. I re-

peat a temple of flowers. With our last workmen there I was able to stroll around, grasp the magnitude of the [illegible] and appreciate the superb skill displayed by the exhibitors and the high average quality of the material on view. Gazing down the aisles and looking from the balconies down onto the ground floor it was a noble and inspiring spectacle. It felt good to be a member of the body of men that wrought beauty to such perfection for the enjoyment of all.

Exhibits were, of course, too numerous to be considered in detail. They ran the whole gamut of spring flowers

(Continued on page 146)



Spring flowers were displayed against a green ground at the show. Exhibit by Hark[illegible] Kebo





is is one time we've had ... r, no breakdown — ... s. I'm glad now that I let that tire dealer talk me into putting ... Springfields on all ... without having to change at least one tire."

FAMOUS *Citizens* of the Early Republic *were entertained in this* Assembly Room

For this Colonial door, as for any style of door, there is correct hardware by Sargent

... ton danced. Here, Lafayette dined. This room is rich, too, in its furnishings ... interiors of interest to those who build ...

these, as for all house builders, Sargent manufactures solid brass and solid bronze hardware of authentic designing. Gleaming brass knockers and handles for entrance doorways . . . strong, solid rim-locks and complete sets for interior doors . . . these may be obtained. Hardware exactly machined and precisely fitted. Made for generations of certain, quiet use.

Write for a free copy of "Hardware for Utility and Ornamentation," the Sargent booklet. From it, with your architect, select pieces for your home. ...



... the Metropolitan Museum. On it is displayed Sargent Hardware of solid ... selected by its very builders in the ...



No. 1482 (shown above) is a Colonial knob, similar to one used in the Mar- ... The plain, round brass knob (at right) with its simple keyplate would also be correct on this door above. The keyplate is No. 741. The knob is No. 1622 in the book of Sargent designs. These are but two of many designs by Sargent.

SARGENT
LOCKS AND HARDWARE

OIL HEAT—
AS BENEVOLENT AS SUNSHINE



The house of your dreams— how will you heat it?

EVERY one planning a new home does all he can to embody his ideals in the actual finished house. Ideal heating is one of the first requirements.

• • •

What is an ideal heating system? Is it not one that takes care of itself so far as possible—that provides you with even temperature without your having to bend your back in dirty, menial toil—which keeps you warm automatically, not only in freezing weather but during those chilly in-between days of spring and fall?

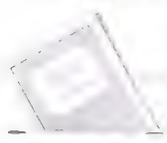
• • •

Oil heating meets all the requirements. Thousands of enthusiastic users say that no other modern convenience is so beneficial to the health and comfort of the entire family—that it has become indispensable to the full enjoyment of their homes.

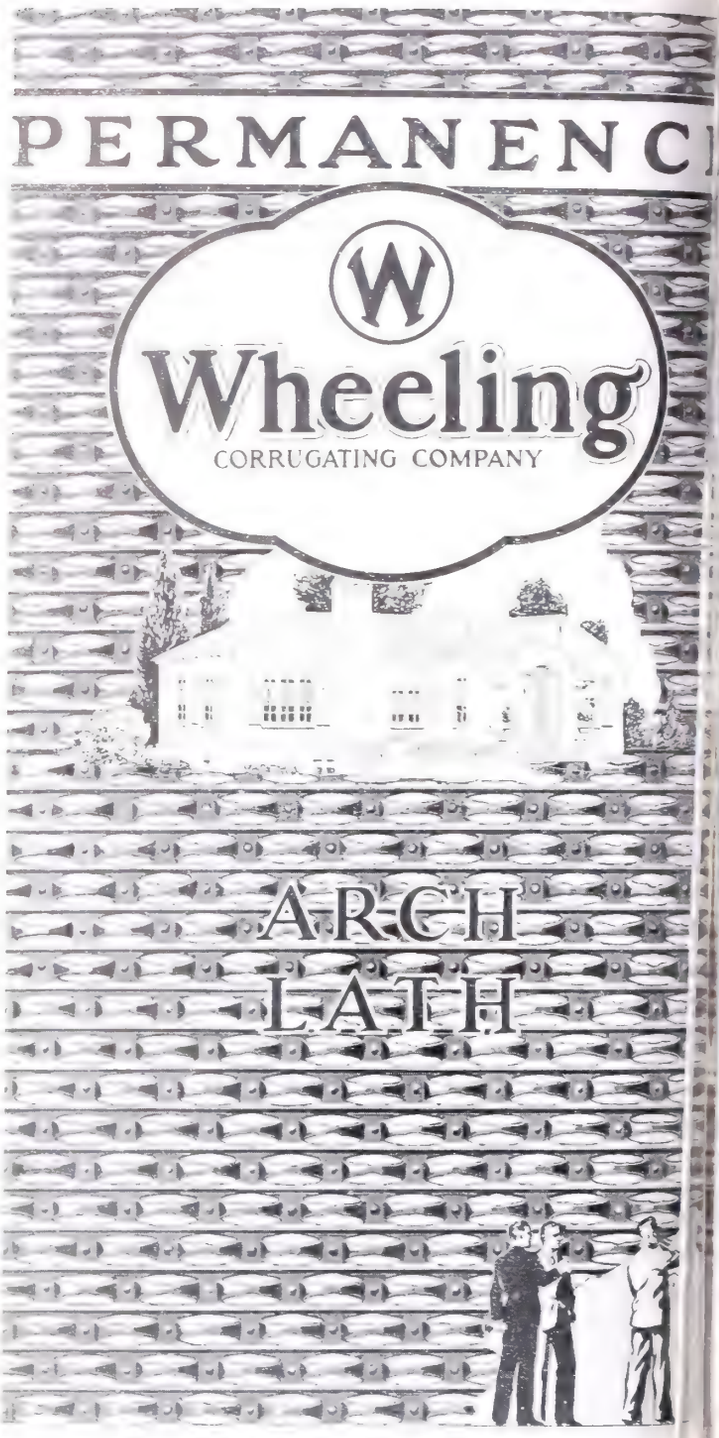
An oil heating system also helps to economize in building the new home. The excavation for the oil tank is made at very little cost when the ground is being dug for foundations and basement. Coal bin space is all clear gain, and gives the house valuable additional room.

Be sure to consider oil heating for your new home. Get all the facts you can. Send for the Oil Heating Institute's authoritative non-technical books offered in the coupon below.

OIL HEATING INSTITUTE



OIL HEATING I...
Name .....
Street and No. .....
Postal Zone No. ...
What Would You Like to Know About Oil Heating? ...
Name .....
Address Better Use of the Basement...
Street and No. .....
City .....
...State



With Safety and Economy

The first thought of the prudent home-builder is protection fire. No other feature of the home which is to shelter dear c serves more serious consideration than fire-safe walls and

At no additional cost, you can build into the plastered walls and c every room in your home an almost impregnable barrier against fire. Arch Lath is made of a solid sheet of steel. It is very rigid and for this re to handle, to erect and plaster. At the same time, it saves expense the contour of the arches permits use of only the correct amount of p perfect anchoring. Taking these economies into consideration, it is found cost of completed work with Wheeling Arch Lath is no more than for inf construction and yet it brings to the home security against fire, and res cracking, which all plastered walls and ceilings should provide. Let t guide you in your building program. Consult your architect or cont further particulars about Arch Lath protection. Write to us for full inf

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Branches: New York Philadelphia Chicago Minneapolis
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Have You Seen the New Spanish Me

rust and leaks. Lowers rates of insurance and is practical a nent, artistic and beautiful. Write for full information.

Building Materials Backed by a Generation of Ex





Colonial days.

irch woodwork, oors, floors and eneer paneling

s effectively employd in the room illusrated, provide an tmosphere of restful harm and colorful armonious beauty.

Visconsin - Michigan birch has preminently that quality of grain which reveals he artistry of wood n those intimate ffects now so much ought by eminent rchitects and interior decorators.

And, the [illegible] in the wood [illegible] — ransparent stains that enetrate and develop he full richness of the ttractive **birch** [illegible] — lso make it possible to [illegible] nt color for the woodork of each room, in a ide range of shades and ones that will satisfy the ost conservative or ltra-modern taste. Nearly "mar-proof" ardness assures **birch** ill retain a fine appearnce indefinitely—beauty lus long serviceability.

May we present you with all the facts? They are concisely stated in new "Beautiful Birch" brochure, with illustrations of fine interiors by eminent architects. Free on request.

IRCH MANUFACTURERS
9 E. R. A. Bldg., Oshkosh, Wis.

SANI ONYX
A VITREOUS MARBLE



A *Wall of Rock* ....

USED from rock ingredients, Sani Onyx is a truly *new* material for bath rooms, kitchens, breakfast nooks. Never have you seen anything at all like Sani Onyx. Surface textures that are distinctly and distinctively different. Colors that are captivating. Designs that are a delight.

And best of all, Sani Onyx doesn't chip, check, crack or discolor. It outlasts the house itself . . . . and not a penny to pay for repairs or redecoration.

[illegible] tions in full color? We'll send a copy today.



[illegible] MANUFACTURING COMPANY



A Whiter White



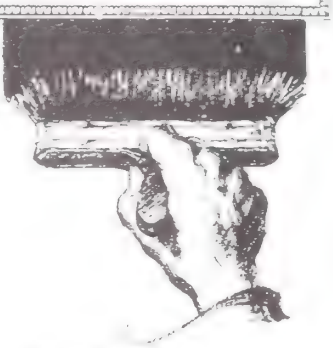
This white is so dazzlingly white—whiter than white lead, white as newfallen snow, that some people actually ask us to tint it yellow so as to look more natural to them.

But when you want [illegible] WHITE [illegible]

[illegible] with...

Cabot's
DOUBLE-WHITE

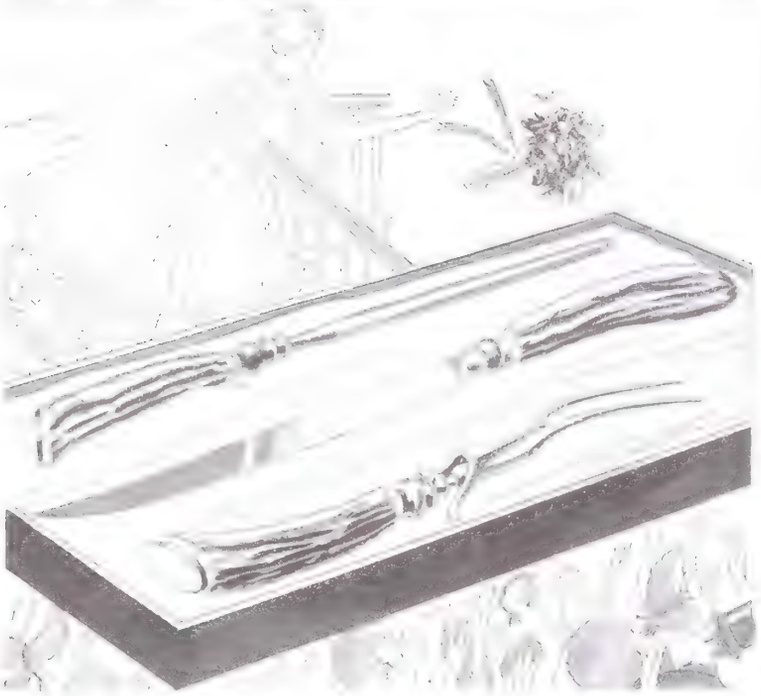
A Cabot Collopake
Made by the Makers of
Cabot's Shingle Stains



(COUPON)

Samuel Cabot [illegible]

[illegible]



Apace the Times~Since 1834

Quaint days indeed, 'way back in the thirties . . . hoop skirts . . . sun bonnets . . . parasols the size of a peanut . . . stovepipes . . . dickies . . . feather beds . . . starched curtains . . . and Russell's Green River Cutlery.

IT'S all different today, except Russell Cutlery. Russell knives and forks change only in style. Even some of the beauty of another century still inheres in the Russell line.

And now stainless steel hand-ground to a sharpness and polished to a mirror finish is the modern Russell contribution to the housewife. More than this, a part and parcel of Russell manufacturing methods is the styling of their cutlery always from the standpoint of utility as well as beauty.

There is a long line of table cutlery in stainless steel with handles in solid colors of green and red and blue and white with carving sets and fruit knives to match. There is a wide assortment of kitchen cutlery . . . particularly the stainless Royal Blue Kitchen Sets, artistically marked with a petite blue design on the handles.

This wide variety, the direct and worthy descendants of a long line of quality cutlery, well-nigh runs the gamut of choice . . . and it is all backed by nearly a century of experience.

It would be a good idea for you to send for our booklet entitled "How to Tell," with hints on table appointments and a goodly number of illustrations showing this worthy Russell Green River family. We assure you the booklet is quaint, interesting and highly informative.

RUSSELL
GREEN RIVER
CUTLERY

CHAS. RUSSELL CUTLERY COMPANY, GREENFIELD, MASS., U.S.A.



A Rosebud Cherry nodded above stately Lilies, Dicentra and other blossoms in Mrs. H. H. Rogers' garden in the Grand Central Palace. Pasquale Vanzia, superintendent

THE FLOWER SHO

(Continued from page 142)

[illegible] To lay particular tribute to two [illegible] and Lent in perfection as [illegible] kill of grow and artist could produce. One represented the [illegible] of a woodland with water [illegible] into an ample pool with a [illegible] bottom, on the margin [illegible] Lady Slippers, Garland-flowers and other wild blossoms luxuriated. In the background Hemlocks and Pine reared themselves fully forty feet and nestling beneath was Pennsylvania in quantity. In front [illegible] Gray Birch and flowering Dogwood, its white chalices fully open. It had all the cool effect of a [illegible] and [illegible] was restful and refreshing [illegible] such a spot must be. Never had I seen genius and infinity more displayed in an exhibit than in this creation.

The other exhibit was of a totally different character, being a replica of a section of the desert of southern California and Arizona. A lady of the Pasadena Garden Club had caused to be brought over, partly in refrigerator car and partly by aeroplane, strange plants of the southwestern desert, the gravel and sand in which they grew and specimens of the birds and animals that make their home among them. A painted desert scene backed the garden and so perfect were the painting and the construction of the garden that visitors could not tell where the exhibit ended and the painted scene began. What impressed me most, apart from the perfect workmanship in detail, was the rich color of the Cactus spines and the rude health of these desert children. The generous patroness and others concerned have reason to be proud of their contribution to the New York's magnificent flower show.

A pleasing feature of the show was the many forced flowering shrubs and small trees, such as Crabapples, Cherries, Almonds, Forsythia, Dogwood and other plants which figured

(Continued on page 148)



The oddities of a 16th Century garden were grouped in the prize exhibit of the Nonantt Garden Club at Bos[illegible] Narcissus, Primroses and Tulips were included

Save THE Cost OF A ROOM



HOUSANDS of builders of hotels, apartments and houses ıp one room with a Murphy ı-Dor Bed and get the service of) rooms. Without any sacrifice :omfort, they save the cost of lding, furnishing, heating and orating that extra room. This)k will show you how you, too, save money on any type of elling.

'his book tells how a Murphy ı-Dor Bed, full size, fitted with uriously restful springs, will ng, through a standard three-t door, from its concealing set which is always accessible wardrobe or dressing room.

Beautiful four-color pictures)w, also, the different styles and shes of Murphy In-a-Dor Beds. matter how costly you furnish r home, you can select a Murphy ı-Dor Bed to harmonize with er furniture in living room, ld's room, sun room, maid's)m or den. Send for it, today. s free

PHY DOOR BED COMPANY

ew York City
Chicago, Ill.
Atlanta, Ga.
Seattle, Wash.
San Francisco, Calif.
Los Angeles, Calif.
Denver, Colo.
Miami, Fla.
St. Louis, Mo.
Detroit, Mich.
Birmingham, Ala.
Cleveland, Ohio
Kansas City, Mo.
Dallas, Texas
El Paso, Texas
Houston, Texas
New Orleans, La.
Montreal, Que.
Toronto, Ont.

THE MURPHY IN-A-DOR BED



Super Quality Refrigeration

Demand BOHN *Porcelain Exteriors*

The super-quality of refrigerators by BOHN, is so pronounced that they instantly appeal to those who desire distinction in all their home furnishings.

Their very simplicity of line in lustrous, pearl white porcelain, both within and without, gives a mode of cleanliness which they alone make possible.

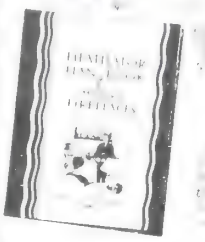
Beautiful, mechanically perfect, scientifically correct refrigerators, by BOHN, evidence their superiority.

BOHN REFRIGERATOR COMPANY
DETROIT PARIS

BOHN SYPHON REFRIGERATOR

FIREPLACE CHARM WITH FURNACE-LIKE HEAT





PLANBOOK of Really Successful FIREPLACES

If she were exactly here—and at no extra expense—you can find a beautiful fireplace **guaranteed** to burn without smoking and to give double heat from same fuel, heating the *whole* room.

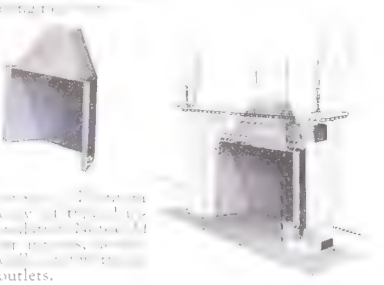
When you use Heatilator construction *you know in advance* that your fireplace will fulfill every ideal. The Heatilator is a scientifically designed double-walled form, built into the fireplace to make proper construction absolutely certain. It gives *dependable* lasting heat—instead of usually wasted in the brick and up the flue.

REDUCES COST

It costs less to build a fireplace with a Heatilator than *without*. This is because of savings in labor and material. Fuel savings are extra.

You will be interested in receiving a copy of our Planbook—full of ideas and installation photographs. Mail coupon!

HEATILATOR COMPANY
SYRACUSE, N. Y.



outlets.

Heatilator Fireplace Unit

HEATILATOR Co., 899 Lex. Ave., Syracuse, N. Y.
Please send me your Planbook of Really Successful Fireplaces. I am interested in [ ] New Construction [ ] Remodeling.

Name ...

Address ...

Science Now Says: "SUNLIGHT!"



~for HEALTH·BEAUTY·YOUTH!

A COMPLEXION glowing with the rosy hue of health—eyes that sparkle—hair with a glossy lustre, thick and luxuriant—these are the true attributes of natural beauty. Science now brings them within the reach of every woman, and in a sensible, safe, delightful new way.

Beauty depends largely on good health, and to have good health you MUST get sufficient *pure* sunlight. For *pure* sunlight builds rich red blood—tones up the entire system, clears the skin, builds resistance to disease, and gives you the glowing energy and appearance of radiant youth.

Sunlight at Home

Outdoor sunlight is at best fickle. Rain, clouds, smoke, fog, as well as clothing, screen out the little ultra-violet that filters down to us. We can not spend hours outdoors with our ladies, exposed to the sun's rays. And we do not need to, for sunlight at home is now a REALITY, made possible by science.

A few minutes spent each day with the new Battle Creek SUNARC Bath will amaze you with its results. It gives you new energy, new strength—tones up the entire system—adds sparkle to your eyes—rich natural color to your cheeks. You feel made-over. Consult your Doctor about the benefits of artificial sunlight—even more beneficial than natural sunlight.

Send for Free Book

Keep the entire family fit by periodic sun-bathing the SUNARC way. Write TODAY for "Sunshine and Health," a fascinating new book, telling how you can enjoy SUNARC Baths—right in your own home. Send for your copy TODAY!



SANITARIUM EQUIPMENT Co.
Dep't. 1121 L, Battle Creek, Mich.

C. S. E. Co., 1925

Battle Creek
Sun Arc Bath
"SUNSHINE AT THE SNAP OF A SWITCH"

THE FLOWER SHOW

(*Continued from page* 146)

various exhibits. One would like to see this spectacle still further extended. A very delightful effect was produced in one lady garden by an overhanging pendant mass of Rosebud Cherry. It was a happy inspiration to choose this particular Cherry [illegible] over-study Ladies. Among the Garden Club exhibits I think one wall garden was the best of its kind I had ever seen in a flower show.

Leaving Philadelphia to complete the [illegible]. Here a local body [illegible] under the rules of the Philadelphia Flower Show staged yet another magnificent show. As at the [illegible] Philadelphia, individual exhibits stood out supreme in their own particular field. An Azalea garden occupied a couple of thousand square feet and was easily the finest [illegible]. A tropical [illegible] Rose-covered arbor [illegible] expert- [illegible] would [illegible] Philadelphia [illegible] Alpines and [illegible] were [illegible] all on the ground floor, where it was possible to move about in reasonable comfort.

It was good to watch these flower [illegible] All ages and conditions of people were represented, youth and [illegible] countenance were the rule. It was [illegible] wealth of [illegible]

sons. Color and the scenes of spr[illegible] brought out a vivaciousness w[illegible] was infectious.

At a flower show it is not the s[illegible] spectacle alone that counts, alth[illegible] the greater and finer the quality th[illegible] more successful the flower show. Th[illegible] form and beauty of blossom and [illegible] the rich fragrance and the [illegible] spectacle of color enchant, but wha[illegible] matters most is the enthusia[illegible] voked, the sporting spirit br[illegible] into play, the determination o[illegible] and several to emulate the w[illegible] standard.

In the spring we of the Nor[illegible] particularly hungry for color [illegible] fragrance. Small wonder that w[illegible] our delight when opportunity brings to our door the wealth and [illegible] loveliness of a thousand skillful hands. Looking backward a decade one notes the extraordinary advance in [illegible] ity of the flower show and i[illegible] popularity of the exhibits. The [illegible] standard of exhibits at A[illegible] flower show [illegible] now not excel would ever [illegible] lower shows are [illegible] ference in the forward movement [illegible] and in themselv[illegible] outward and visible sign of th[illegible] ness that [illegible] being made. From [illegible] to expect the flower show [illegible] educational material that each [illegible] to his own advantage. On [illegible] ideas of what is best in the v[illegible] fields and how best to display [illegible] variety. The exhibition thus prov[illegible] healthful aid to the spirit and [illegible] horticulture in general. At on[illegible] the professional horticulturalist [illegible] and the flower shows, now h[illegible] a well-planned [illegible] and an artistic arrangement esp[illegible] by the Garden Club ladies.

There is no better sign that Amer[illegible] has come of age in the world of gar[illegible] dening than the enthusiasm shown [illegible] people in all stations of life [illegible] to grow something beautiful [illegible] society not to body and soul. [illegible] the flower show be a true barometer [illegible] continued fair weather [illegible] in the world of American gar[illegible]

WHIMSICAL GARDEN

(*Continued from page* 171)

[illegible] and designs.

There were bowling greens and balustraded gardens. Dutch introductions had their day during the reign [illegible] and Mary and with the publication of a book on Chinese [illegible] by Sir William [illegible] a startling [illegible] already extensively [illegible] [illegible] [illegible] [illegible] the Oriental manner.

Bacon, Pope and Addison all exercised their wit on the atrocious garden style of their days, and a most [illegible] parody is that on topi[illegible] by Alex. Pope entitled "Th[illegible] on Cutler".

The formal gardens having r[illegible] their height of formality and ugli[illegible] swung the pendulum back to the lan[illegible] scape or natural gardens. The [illegible] colored natural gardens see[illegible] natural Nature. But we can [illegible] today for all these phases [illegible] proper handling and modificat[illegible] can create for ourselves bits of [illegible] dise from these Old World exam[illegible] or by exercising our native gift [illegible] originality add to this remarkable [illegible] increasing class of whimsical gard[illegible]



Take sure
r suburban
ountry home
has a

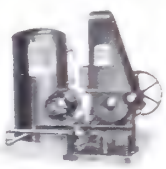
DL

ter System

er, carefully, the water upon which you will for an unfailing water in your suburban or y home. Insist that it Water System and you ieve yourself of future

ctric pumps operate ically. They provide a steady flow of water, pressure, the instant a rned.

ver your requirements, r large or small, there's mp of the necessary a n d y to hem ably low ach -for deep llow gives effi- sults rrent ed by Light plant



l station current. Insist water system, made ranteed by Delco-Light y—and backed by Gen- tors.

d descriptions of all al be glad to send them a request. Write for them today.

-LIGHT COMPANY

.P-100, Dayton, Ohio

DL

Electric Water ems backed by neral Motors

o Manufacturers of LCO-LIGHT Electric nits for suburban and country homes.



Quiet casements guarding their sleep

Have you ever started awake in the night because an insecure casement banged open or shut? Perhaps shattering the glass?

Bad enough for adults! And far worse for children, because the latest psychological discoveries point to a loud noise as one of the *only* two basic fears in a child's mind.

But you and your children can go to bed, secure in the knowledge that your rest will be undisturbed, if your casements are equipped with Win-Dor Stays or Operators. They'll be as silent as the night itself because they lock *positively* and *automatically* in any position. Endorsed by leading architects for their beauty and efficiency. Inexpensive. For steel or wood sash, new or old.

Ask your window or hardware dealer to show them to you. Or write us for interesting free booklet without obligation.

Win-Dor

CASEMENT HARDWARE

The Casement Hardware Co.

CASEMENT HARDWARE HEADQUARTERS

THE IMPROVED QUIET SI-WEL-CLO



As Nature would have it!

ANOTHER [illegible]



TE-PE-CO

ALL CLAY PLUMBING FIXTURES

TEPECO

LANDSCAPING PLANS AND UPKE

(Continued from page 80)

...ly be from about three to four ... depth and made of one-inch crushed rocks. At that time—before the foundation rocks are laid—a quarter of an inch layer of rock salt spread over the ground will kill the weeds before they ever have a chance to develop. Under this plan there will be no danger of injuring the lawn with the strong, salty solution.

For keeping the weeds out of an old gravel path rock salt, carefully applied, is most practical in every way, and will give most satisfaction if applied on the weedy growths on a hot day, when a little water poured over it will burn out almost immediately after the salt has performed its work.

THE WEED

...d. A moment spent in removing a weed before it reaches maturity will be the ... of endless labor and much expense in months to come. Take, for example, the Chickweed, which even in poorest soil will bear flowers and ... after but two or three weeks' growth. If it is allowed to live as long as four weeks, hundreds or thousands of seeds will have been sown and a most interesting job of ... for years to come. Some of the seeds will be worked deep into the ground during the next cultivation and as long ... but will reach the surface and begin germination.

It is a mistaken idea that weeding and general garden cultivation should be left for the spring of the year. If you wait until then you will be powerless to destroy the weed growth, which would have been done away with almost entirely by a good extermination campaign in the fall—even once or twice during the winter, when weather permits. Springtime gardening, with the weed cleaning eliminated, will be ... and during periodic cultivations throughout the ... be covered ... week or month it ... allowed to germinate all fall and winter.

Less water and more cultivation is a sweeping rule that applies to all kinds of gardens. Practically every kind of plant life except wildflowers wants cultivation, while all shrubs and perennials require very loose surface soil if they are to thrive healthily. Uncultivated soil becomes sour, while fresh air, penetrating to the plant root systems by means of cultivation, causes them to attain deeper growth as a protection against the burning sun of dry weather. Daily watering is more harmful than helpful to plant life as it causes the development of surface root systems which, with but the least neglect of watering during warm weather, shrivel and either weaken dangerously or die altogether.

Less frequent and more thorough watering of the lawn will work marvels, the actual amount of water to be used depending on soil conditions. In April and May the lawn is in fine condition from its soakings of melted snow and warm rains during the past two months, and when four or five sunny days have succeeded one another will show marked daily ... provement until the time of ... sprinkling arrives and ruination ... mences by the most well intent ... daily waterings.

Before starting late spring or summer sprinkling, find out i... lawn really wants water. Is it ac... dry? Having for months been s... to a depth of two, three or fou... it is highly probable that the first ... or two of dry weather will not ... dried it out entirely, as the m... remaining deep beneath the soil g... ally works its way to the surfa... continues to feed the lawn ... through several dry spring ... Letting the lawn dry thore... before watering it also permi... grass root system to go deep... deeper into the soil for m... and food, another good reaso... the lawn should not be spr... until it actually suffers for ... of water.

When the lawn is watered ... have a good soaking with ... water to seep deep beneath t... into the dampness still existin... or two feet below. A slight wa... has a disastrous effect, due to t... first there is a dry space betw... lower and upper soil which, ... hot weather, comes into pro... with the wet surface and acts ... insulation that not only preve... warmth of the sun from pene... the soil but also heats the lawn ... to nearly a boiling point. Th... insulated the finest lawn will be s... a lifeless brown, and will ha... apt to turn green again un... rains set in. Evidence that th... actually "boils over" from ... watering on a hot dry may b... ered first hand by observing ... the actual steam that appears o... lawn after sprinkling. Less f... and more copious watering w... only keep your lawn in perfect... tion but will cut water bills i...

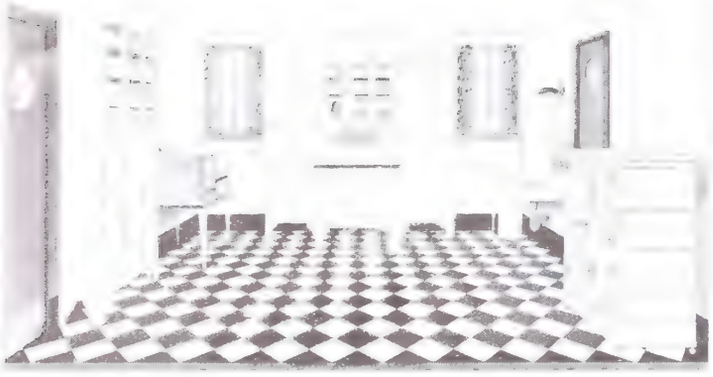
CUTTING

...n the cutting of th... there are definite do's and ... Early in the spring, when th... makes speedy growth a very c... is beautiful as well as extremel... ficial, but when warm, dry ... sets in the lawnmower should ... for at least an inch longer ... that of spring and fall to pro... grass from the burning hot ... too close trimming will kill t... in a very short time, by caus... grass to develop very short r... tems and consequently start i... ing up in hot weather.

Though there is a choice ... tural and chemical fertilize... experience proves that best re... low the use of well rotte... manure, the choice between ... horse manure depending on ... to be treated. A very light ... be made heavier and richer ... manure, while horse man... plenty of straw will impro... clayey soil not only in chemi... ty but in ventilation and ligh...

Bone meal, as a natural fe... very beneficial for shrubs ...

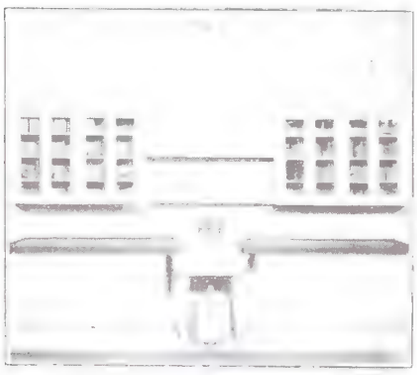
(Continued on page ...



Standardized Units to fit *any* Kitchen

Pictured above is a typical WHITE HOUSE kitchen showing a practical combination of various WHITE HOUSE movable Steel Units. Made entirely of *steel* and finished with three coats of beautiful baked enamel, they are easy to keep spotlessly clean. Moisture proof, germ proof and fire resisting. Cost but a trifle more than old-fashioned wooden equipment.

You can fill any space simply by combining units. No hardware, glazing or painting necessary. Write for green booklet.



Left—A typical built-in WHITE HOUSE Installation. For special installation work WHITE HOUSE Units are also available in Color. Send in your plans for sketch and estimate. Write for gray catalog.

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The WHITE HOUSE line is made of Steel!

Include this charming home in your *summer vacation plans*

on the mountainside, overlooking mile on rolling you can erect this cozy Hodgson Home—fo r. Or, if you prefer a vacation by the sea, the on method of building will enable you to have ome in plenty of time.

gson Houses are built of red cedar and Douglas ipped to you in finished sections, painted, stained ready to erect. The Hodgson method of building costly skilled labor unnecessary. It eliminates long and worries over plans and estimates. The house you select will be sent to you absolutely complete, rected in a few days' time.

esign, Hodgson Houses are graceful and artistic. ire in perfect harmony with the most picturesque . That is why you will find them today at many rica's most exclusive summer resorts. The interiors the cheerful, spacious Colonial idea—the vogue in home building. Hodgson Houses are scientifically ted, airy and comfortable at any season of the year.



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are Hodgson Houses for every need. New illus- catalog G shows actual photographs of country places, bunga- cottages, camps and many other buildings. It gives prices, nd complete information. Write for free copy today. Or better sit the exhibits at our Boston and New York offices. E. F. on Co., 1108 Commonwealth Ave., Boston; 6 East 39th St., ork. Florida branch, Bradenton.



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THIS is an age of *beauty* in A living . . . of hopper Entrances are but a reflection of and happiness. Fashioned by master craftsmen, their artistry lends beauty and charm to many of our finest homes. Illustrated catalog P53 of Model request. HARTMANN-SANDERS cago. Eastern Office and Showroom, 6 East 39th Street, New York City.

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LEVANTO MARBLE SLAB
WHITE MARBLE PILLARS

IMBUED with the spirit of the Renaissance, an artist puts lines on paper. Men bring dusky gold-veined marble, white statuary marble, fittings of gold plate; and the pencil lines become the *Console* Lavatory. What sort of setting its beauty best becomes is shown in *New Ideas Bathrooms*, a colorful and in[s]ing book of fixture arrangeme[n]ts, color schemes, blue prints, and [p]lans. Write for it. Then see C[rane] fixtures at a responsible plumbing con[tra]tor's, or at the nearest Crane Exhibit Ro[om]s.

CRANE

Branches and sales offices in one hundred and [twenty-five] cities

EVERYTHING FOR ANY PLUMBING INSTALLATION ANYWHE[RE]



WHAT ARE THESE NEW
Swanfeldt Awnings

A much more artistic design . . . entirely different. Softer shades and more harmonious. Considered by decorators a most appropriate and modish decoration for all types of architecture. A variety of color patterns to choose from. Exclusive for better homes.



ILLUSTRATED BOOKLET

SWANFELDT AWNINGS are fully described in our Illustrated Booklet for 1928—FREE from your local distributor, or send to ANDREW SWANFELDT, [illegible] Main St., Los Angeles, Calif. Dept. O.



[Illegible] residence of [illegible], Larchmont, N. Y. Carl P. Johnson, N. Y. City, Arch.



How to Banish the Garbage Can Forever

[illegible] equipment that promote health and sanitation and lightens work, the Kernerator stands out [illegible] essential.

[illegible] garbage can to [illegible], to clean, to walk to in all kinds of weather. Think of your new, clean basement — free of trash and old papers that cause 75% of residence fires. And your beautiful yard — never visited by garbage wagons, never reeking with odors, never attracting the hun[illegible].

Simply drop all garbage, tin cans, bottles, boxes, etc., through the handy Kernerator door in the kitchen. An occasional match burns the air dried accumulation. Non-combustibles are flame sterilized for removal with the ashes. No odors. No fuel. Selected [illegible] Model Homes in 50 principal cities.

Write for the Booklet "The Sanitary Elimination of Garbage and Household Waste."

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THE CHIMNEY-FED INCINERATOR

Garbage and Waste Disposal without Leaving the Kitchen



"The cook's just wild!"

SHE: (anxiously) "Dinner's twenty minutes late already and they haven't come down stairs yet. They said they'd just take a quick bath before dinner and you know what that means. No matter how slow they might be our hot water is slower still. The water pipes are clogged up with rust and it takes hours to draw a bath. We've just got to do something about our plumbing, Sam. This sort of thing happens all the time and the cook's just wild!"

* * *

Rusty red water flaked with iron dirt .... Pipes choked and filled up with rust. No wonder it takes so long to draw a hot bath. Such worn-out plumbing should have been replaced long ago with shining Alpha Brass Pipe that can't rust.

Remember the name "Alpha" for all brass pipes aren't the same. Alpha Brass Pipe is better because it contains more copper and lead. Plumbers prefer it because it cuts cleaner and sharper threads, making leak-proof joints. It positively cannot rust and the Alpha trade-mark, stamped every twelve inches, guarantees it for soundness and satisfaction. Not so expensive, either. In a $40,000 house it costs only about $150 more than the cheapest rustable pipe.

ALPHA BRASS PIPE

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Send for our booklet "Make This Sure to Specify" and "Chase Brass & Copper Co., Incorporated, Waterbury, Conn.



These fabrics triumph over Summer hazards

[illegible] and the open window [illegible] Summertime

Thank fortune for Lesher Mohairs—woven by the Goodall-Worsted Company of Sanford, Maine. The hazards of summer hold no threats for these valiant fabrics. No others adapt themselves so [illegible] to summer decorations; no others meet every whim of the elements with such loyal service.

The fibre of which Lesher Mohairs are woven is the strongest known to the world of weavers. Yet the fabric is amazingly Soft, Silky, Lustrous. The unique method of weaving and careful processes of finish render it dust-proof, sun-proof, wrinkle-proof. The suds of the tub only make it more pliable—and the [illegible] will weather the trials of many seasons.

In their endless variety, you will find cool, restful colors for the comfortable porch-nook—exquisite stripes and delightful figures for your living [illegible] truly Spanish, designs English, designs Ancient designs Modern. All adaptable to draperies, bedspreads, chair coverings, cushions, [illegible] covers and wall hangings. Lesher Mohairs create the harmony that denotes good taste—the variety that insures interest.

A "Transformation" for Furniture

The new Lesher Mohair Slip Covers, in the smart colorings and designs, will transform a room in a trice. They are treated by a special process which causes dust to slide from their surface. It can never penetrate to the furniture beneath. These famous fabrics are water-repellent, sunfast, and will not muss nor crease. They wash perfectly and endure for many years.

A delightful brochure, written by a well known authority, will be sent free on request. It describes Lesher Mohairs fully and brings you a world of helpful information concerning the Home Beautiful. Write for it.

Lesher Mohairs are a Goodall Product

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Eight Eighty-One Broadway, New York

"The Trousseau House of America"

LINENS
for the
COUNTRY HOME

Fine Linens make an instant appeal to the woman who has pride in her home. At the Maison de Blanc, so exquisite is the assortment of household linens, that replenishing the linen chest is sheer joy. Colored linens add a cheerful and decorative note . . . and to the quiet distinction of French taste is coupled the real economy of purchasing where high quality is a tradition.

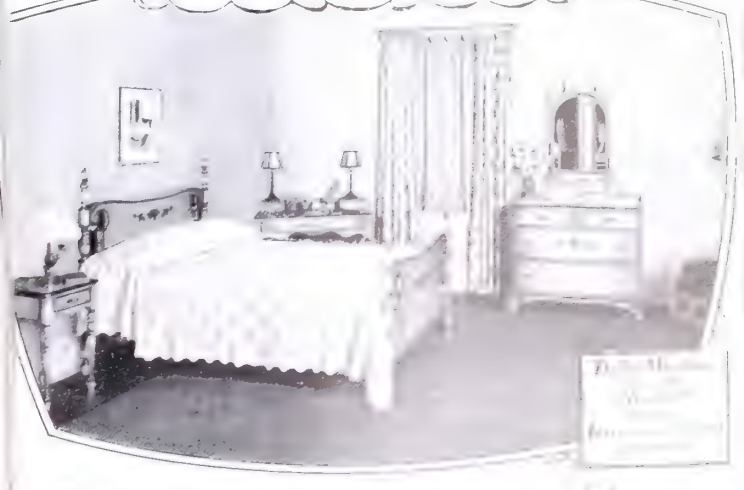
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A detail of a Provincial Dining Room, with a Walnut Dutch Dresser and Painted Chairs of marked Spanish influence, shown one of the many styles of Custom Furniture made by the Shaw Craftsmen.

SHAW FURNITURE COMPANY
ESTABLISHED 1880
Specialists in Furniture Made to Order
SHOWROOMS AND FACTORY
50 SECOND STREET CAMBRIDGE MASS
NEW YORK SHOWROOMS
730 FIFTH AVENUE HECKSCHER BLDG
Shaw Furniture may be purchased through the Decorating Trade

The Abiding Place of Beauty



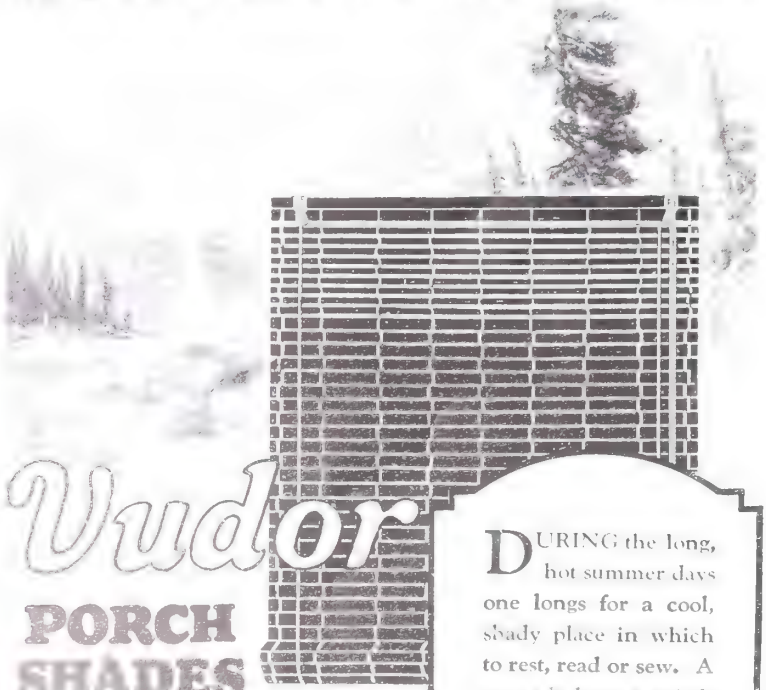
Charm and beauty are permanent . . . of the room in which Dolly Madison Sprea . . . add a final touch of loveliness . . . The better stores . . . a wide selection of designs and colors . . . All Dolly Madison Bed . . .

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VUDOR Shades are made of beautifully stained wood strips in many harmonious colorings. The woven-in ventilator at the top provides for perfect air circulation.

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Health and Beauty in 15 minutes a day

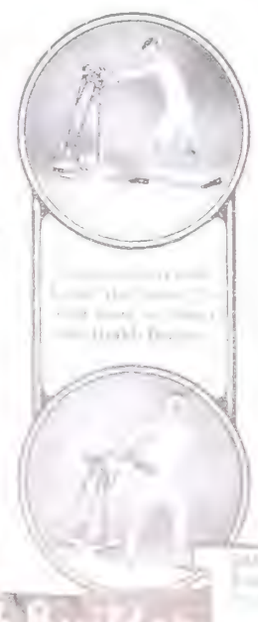
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Oscillate Your Way to Health

You, too, can keep physically fit—radiantly healthy. You can now exercise and tone up your whole body in this surprisingly simple new way, right in your own home—*without* [illegible]

The rapidly oscillating girdles of the Health Builder give a combined massage-vibratory treatment better than a skilled masseur. No electric current touches you. The Health Builder vigorously massages the heaviest muscles, peps up sluggish circulation, aids digestion and elimination, strengthens muscle "tone" and improves the functions of the internal organs.

Over 50,000 men and women [illegible] used the Health Builder for health improvement upon the recommendation of their physicians! Used daily in countless private homes, large medical institutions, athletic clubs, gymnasiums, ocean liners and by numerous physicians in their practice.



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THE BATTLE CREEK [illegible] BATH and MECHANICAL HEALTH [illegible] the famous HEALTH BUILDER.

© E. C. [illegible]

The Health Builder Keeps You Fit

[illegible] today.

DESIGNING THE DRIV

(Continued from page 69)

[illegible] as well as from the utilitarian point of view. It is the most [illegible] in its construction, [illegible] of it, which has brought [illegible] prominence.

While each estate has its own [illegible], there are some considerations common—items which one [illegible] on grounds that were laid out only after considerable study—which should always be kept in mind when designing the drive. Given certain conditions it is practically impossible to avoid building into the road some of the features which [illegible]

For instance, there is the matter of [illegible] turn-around. Any engineer realizes that thirty-four feet is the practical minimum for the diameter of the inside circle of the drive turn, but occasionally one is confronted by the fact that there is not this much room available, and the drive circle must then be smaller. It is really a serious mistake to make the circle too small where space is genuine. Cars, unable to complete the turn without the necessity of backing, are bound to cause occasional injuries to themselves and more frequently to [illegible]

When first determining the location [illegible], consider every possible means to keep it practically out of sight; at least away from the pre[illegible] view. Especially avoid [illegible] it was ever to be [illegible] doing the roadway would be kept out of the section of the grounds that we [illegible].

[illegible] PAGE

The matter of an ample parking space, too, deserves much more consideration than is usually given to it. There should be, within a reasonable distance of the house entrance, a [illegible] to provide for the needs of the average number of cars liable to be there at one time. Extraordinary conditions of [illegible], but social affairs would of course be handled in a different way. Better, though, that one's guests park their cars on the [illegible] would bring the cars into prominence from the living portions of the house.

Short drives—those one hundred yards or less—may well be straight, but certainly to be avoided is the long uncurved driveway stretching directly from the front porch to the street. One advantage of the curved road is its ability to break the line of vision. A curved drive does not throw the estate open to the eyes of the passer-by as does the straight one.

The question of width is easily arranged. On the suburban house-lot where the drive is intended mostly as a means of getting the owner's car to and from the garage or as a "non-tagable" parking space, eight or nine feet is enough room to allot to the width. For longer drives, where cars must pass each other, fifteen feet is considered a good average wi[illegible] Two cars can pass on a thirteen [illegible] drive, but two feet added to that longer roads makes the passing s[illegible] a little easier and less crowded.

The entrance from the street, [illegible] is to receive much traffic, shou[illegible] unobstructed by walls or plan[illegible] A wide, clear view from the s[illegible] across one's garden is certainly n[illegible] desirable feature, but on the [illegible] hand to continue a high screen a[illegible] the street line directly up to the [illegible] of the driveway is distinctly dan[illegible] ous. I recall one such instance. [illegible] entrance from a busy thorou[illegible] was perhaps fourteen feet wide a[illegible] flanked on either side by tall, [illegible] plantings. Under usual circumst[illegible] there might have been in the vi[illegible] of twenty cars using the drive[illegible] day. Cars swinging out fro[illegible] busy street traffic were perforce [illegible] ing rapidly. Four collisions, o[illegible] of them really serious, were caus[illegible] the obscurity of the entrance [illegible] the latter was changed. This ch[illegible] which as carefully screens objec[illegible] side noise and prying eyes as [illegible] original hedgegrow, is shown cl[illegible] of the accompanying plans.

THE GRADE

In this matter again the subur[illegible] not so closely governed. An [illegible] driving his car onto the street [illegible] a few times each day can proce[illegible] with enough caution to offset the [illegible] of a full screen of the scre[illegible] necessary for privacy.

There are two frequently [illegible] mistakes that deal with the [illegible] slope of the longer driveway. [illegible] first is a wavy effect caused by [illegible] ing too closely the natural co[illegible] undulated country. Not that w[illegible] do away with the over hill [illegible] effect; but we should be ca[illegible] avoid short ups and downs.

The other serious grade [illegible] one which is not only inconv[illegible] the car driver, but often da[illegible] the mistake of having a steep [illegible] a corner or curve. Either [illegible] factors—the grade or the [illegible] is sufficiently hazardous, with[illegible] combining the two.

Lack of proper drive d[illegible] practically universal. It i[illegible] responsible for the use of t[illegible] inable road binding ma[illegible] present in vogue. With pro[illegible] age, the more beautiful [illegible] material would be found t[illegible] tually as lasting, even on sl[illegible]

Seldom does the rain w[illegible] upon the road itself dam[illegible] any extent if properly take[illegible] care [illegible] by good gutters. It is the f[illegible] surrounding banks resulting [illegible] of sufficient underground [illegible] that does the damage.

When one side of a driv[illegible] by a slope down to it, as would be t[illegible] case with a driveway win[illegible] the face of a hill, the prop[illegible] thing do is to trap the wash of [illegible] before it gets to the gu[illegible] road. It is a very simple matter [illegible] sink a depression on the s[illegible] feet back from the edge [illegible]

(Continued on page [illegible]

It doesn't have to be Christmas

make somebody a pres-
t of a good flashlight.
an or woman, boy or girl,
ll find a hundred uses
r it, indoors and out, day-
ne and night.
Of course I'd be choosey
I were making the pres-
t, and I'd be sure the one
gave was a genuine
veready—loaded for
ırkness with genuine
veready Batteries. That'd
my way of making *sure*
at my gift was as trusty
it was good-looking.

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)ld Colonial Chest



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IS authentic copy of
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d mahogany famed in the rich co
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The finest building traditions of AMERICA are recorded in White Pine



The Phillips House, North Andover, Massachusetts. Built of White Pine and still standing

WITHIN the green borders of New England a thrifty, intelligent people built their empire. The seat of that empire was the home. Many of those homes stand today, a tribute to the skilful use of tools, and to the famous wood with which these craftsmen built—White Pine.

Little old-growth White Pine remains in New England forests today. But under the name of Idaho White Pine, millions of feet of this same wood still stand in the Inland Empire of our Northwest.

This splendid wood works easily under carpenters' tools, and takes paints and stains beautifully. The finish remains smooth and satiny, unaffected by the most severe weather conditions. Even under many years of exposure, Idaho White Pine retains its charm, and its serviceability.

Idaho White Pine is carrying on the building traditions of three centuries. Inside or out, it is the ideal finishing lumber. For special sash and doors, for siding, porches, cornice work and any sort of interior trim whatsoever, Idaho White Pine fits the requirements exactly. Particularly are the common grades of Idaho White Pine well suited for knotty pine paneled woodwork because its small tight knots dress smoothly. Nothing takes the place of genuine White Pine. Department 120, Western Pine Manufacturers Association, Portland, Oregon.

IWP



lending itself admirably to delicate turning and carving. The finish is especially

Idaho White Pine



Push your furniture aside - look at your floor coverings —

NoMars—the modern support for furniture—prevent these ugly dents and scars. Broad of face, NoMars are easy on rugs, carpets, linoleum. They are friendly to floors and floor coverings.



These new furniture rests—NoMars—are as easily put on as it looks in the picture. On in a jiffy—not like casters. They won't break rugs or wood scratch. They are beveled to glide smoothly over rug edges, and they are unobtrusive—quietly enhancing the looks of your furniture.

Four sizes—for light, medium, heavy, and extra heavy pieces:

Size	No. 1	No. 2	No. 3	No. 4
Width of base	1¼"	1½"	2"	2½"
Price (Set of 4)	$.75	$.80	$1.05	$1.50

Put NoMars on your furniture. You will see a difference in your floor coverings.

Order NoMars from your hardware dealer, or use the coupon below.

Bassick NO MAR RESTS for furniture



The BASSICK COMPANY, Bridgeport, Connecticut

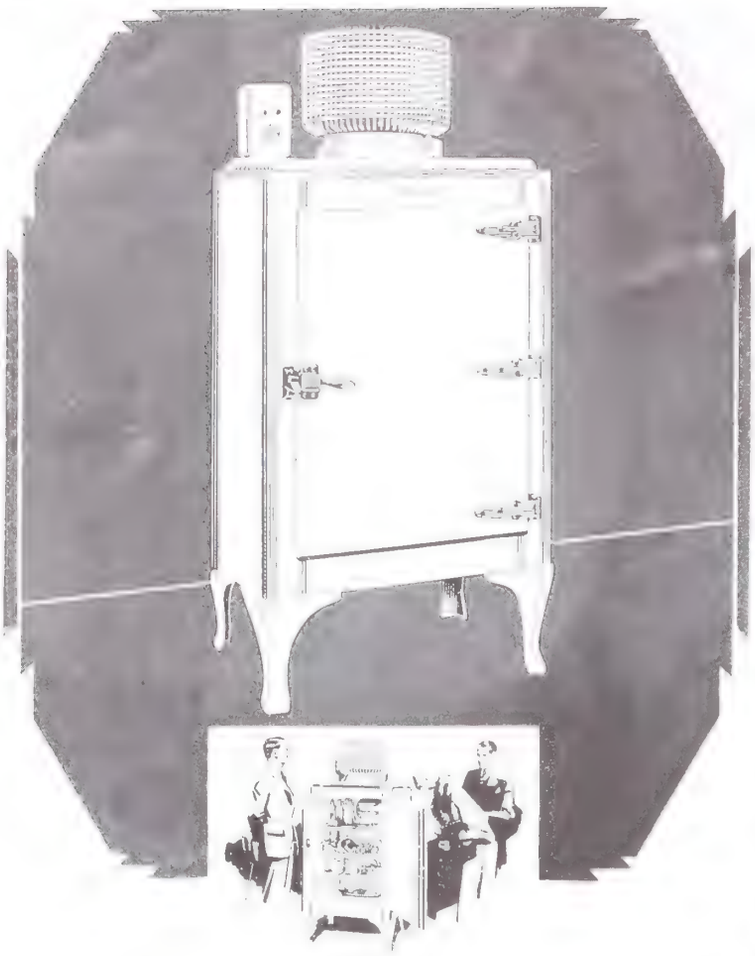
1 Send me ... NoMar Rests to help me ... furniture.

2 Send me ... sets of ... NoMar Rests. Sizes ... for ... furniture.

Name ...

Address ...

City ... State ... EG-6



Look underneath, look inside

..and listen to it!

WHEN you buy an electric refrigerator, do a bit of investigating on your own.

Look under the cabinet. With the General Electric Refrigerator you'll notice at once that all the models are up-on-legs. This makes it easy to clean under them. But, more important, it means that *all* the machinery is safely enclosed in the hermetically sealed steel casing which you see on top of the cabinet.

Look inside. In the General Electric Refrigerator you will find there is ample food space—that the chilling chamber is amazingly compact.

Then listen. This you must do. We want you to judge for yourself just how quietly this refrigerator operates.

Be sure to consider, too, the organization which makes it. The General Electric Refrigerator is the product of fifteen years of research in the laboratories of General Electric.

See the many models. Notice their absolute simplicity, their quietness. Make comparisons with other refrigerators. If you write us, we will be glad to send you Booklet N-6 which gives you complete descriptions.

GENERAL ELECTRIC

Refrigerator

ELECTRIC REFRIGERATION CORPORATION
HANNA BUILDING

GENERAL ELECTRIC COMPANY
CLEVELAND, OHIO

AND THERE IN THE GARDEN

(Continued from page 79)

great freedom in the autumn. Often sprays of its creamy buds are the last flowers to be brought into the house before the Christmas Roses (*Helleborus*) begin to open their waxen blossoms. Of it that famous Tusculan, the Late Dean Hole, said, "If ever for one hour on earth, I were miserably condemned for the rest of my life to possess but a single Rose tree, I should desire to be supplied on leaving the dock with a strong plant of Gloire de Dijon." In cold climates spring planting is the safest for it.

A WARNING.—A "pet" name has recently been manufactured for the climber, *Polygonum baldschuanicum*, that is misleading in the extreme. It is called the Silver Fleece Vine and sometimes Silver Lace, and it is constantly recommended for all sorts of situations with no hint even concerning its true character. Fleece and lace vine are the last sort of name that could be applied to this rampant grower. Even one is led to plant this rampant grower in places utterly unfit for it, whereas its proper place is Climbing Knotweed would at first have room to spare. Like all the Knotweeds known to me it grows rapidly and is very invasive, spreading from the root and pressing itself heavily on anything within reach.

Five years ago I planted what looked like a poor dead stick, labeled *Polygonum baldschuanicum*, against the sturdy lath and reinforced lattice of my clothes yard. The second year it had to be put under one side of the lattice, and during the third, in spite of the fact that we had cut the Knotweed back sharply, the lattice came down. An Oak tree might support this climber, or a well built stone house; certainly no lattice could sustain its weight for long, nor a pergola unless built of stone. I plant it, anyway, when there is fragrant and lovely *Clematis paniculata* giving much the same, better, effect.

OLD IRIS FRIENDS.—In the comof so many newly introduced one is apt to ignore old fri great many of which are fa meriting such treatment. Tw particular that I have in mind be found in nice breadths in garden. They are Miss Stur Bluet and Foster's Mrs. Alan They belong to the small fl class and, blooming with great gility, make the most lovely masses in the borders among th yellow, white and rosy blooms season. The color of Bluet is enchanting atmospheric blue; t Mrs. Alan Gray, a soft mau Both may be had for a moderat Beauty in the garden is not ily expensive), but you ma to hunt for the latter, for the ading army of newcomers is shoul this really lovely Iris out of the atalogs. Mrs. Alan Gray sen blooms again modestly in the a

A BEAUTIFUL PENTSTEMON.—One of the best hardy plants I ha for a long time is *Pentstemon ba* Pink Beauty. It is like the *Torreyi*, but the spike, which i thirty inches long, is strong better filled, and the tubular b are the most delightfully cle pink color. It is lovely plant w the early-flowering Phlox M Lingard, or with *Gypsophila pa* and it is exquisite used as a cu with the latter or with the lavender blooms of *Scabiosa ca* It is quite hardy—a real acqui and the fact that it is of nativ rig makes it the more interesting

DESIGNING THE DRI

(Continued from page 154)

to catch the wash, and then to collect it in drains at sufficiently frequent intervals. This ensures the roadside gutters having only the surface water of the drive to take care of. If water from the gutters is collected in underground drains at short distances, the steepest driveway is safeguarded from washing.

Dressing up the shoulders and side banks of drives which run through naturalized landscape—through orchard, meadow, or woodland—means not only extra construction and maintenance expense, but also considerably less attractive roadways.

Today I had the fact called to my attention again. Crossing Northern Massachusetts, I stopped to make a call. The driveway into the house must have been fully one-quarter of a mile long—a broad, inviting road winding its way through Pine woods and on up and over the hill to most magnificent views.

The roadbed was perfection; firm, only slightly crowned, and coated here and there with patches of newly fallen pine needles—such an easy road to drive upon that one's attention could be diverted to the scener bout. Then it was that I noticed th banks of the road. The latter had be sunk down in some places five more, the resulting slopes so c leveled and graded that one "railroad cut" idea. Strugglin endeavored to clothe the face even banks, and here and th fancy shrubs as Bridal Wre Dwarf Mockorange were use

Where the road was at t level as its surroundings; w creeping ground cover, the F the Laurel had been undistur was swept by the beauty of ture, and the obviously m manicured slopes were thro sharp, distasteful relief.

Lawns, Bridal Wreath, or perennials have no place b drive through woodland or Simpler by far and less exp construct and maintain, and good taste as to be practi perceived, is the resulting pict natural surroundings are bro direct contact with the ro

mmer demands sanitation





A CLEAN toilet is imperative. Sani-Flush removes all stains, marks and incrustations. It reaches the hidden trap and cleans that. It banishes odors. And all so easily. Just sprinkle Sani-Flush into bowl, following directions on can, and flush. That is all. You will want to use Sani-Flush all 'round. It is harmless to plumbing. Always keep it handy. *Buy Sani-Flush in new punch-can at grocery, drug or hardware store, 25c. Canada, 35c.*

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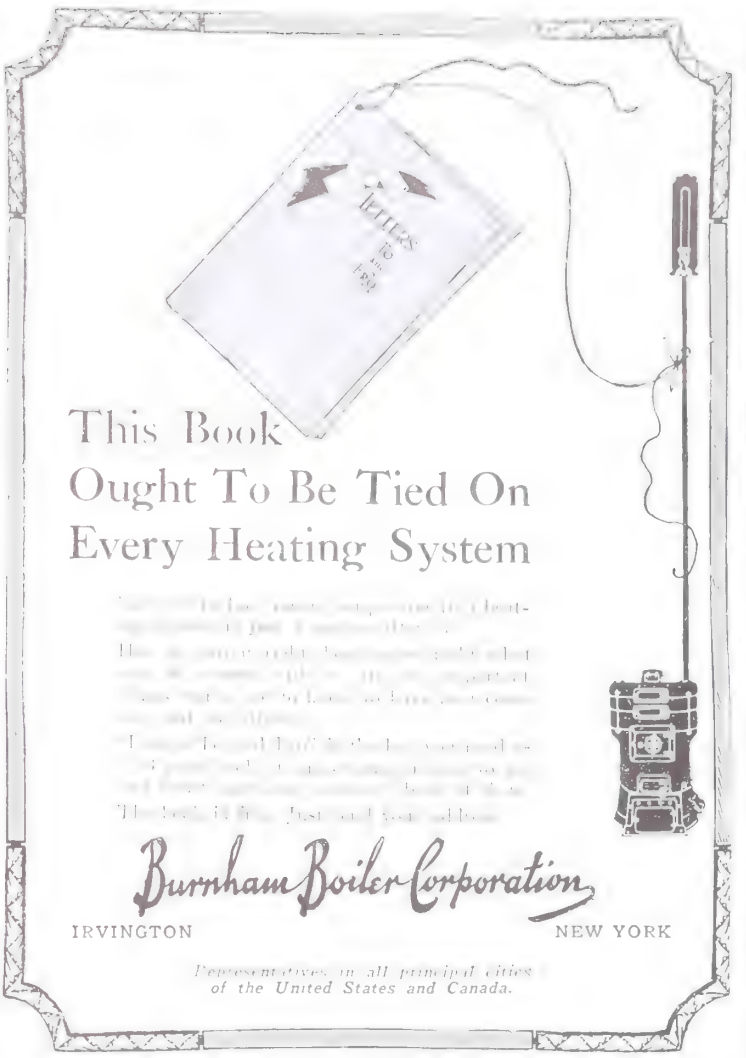
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Number 358 illustrated here fits any standard measurement toilet bowl. Ask your plumber to see this model which sells for $6.50.

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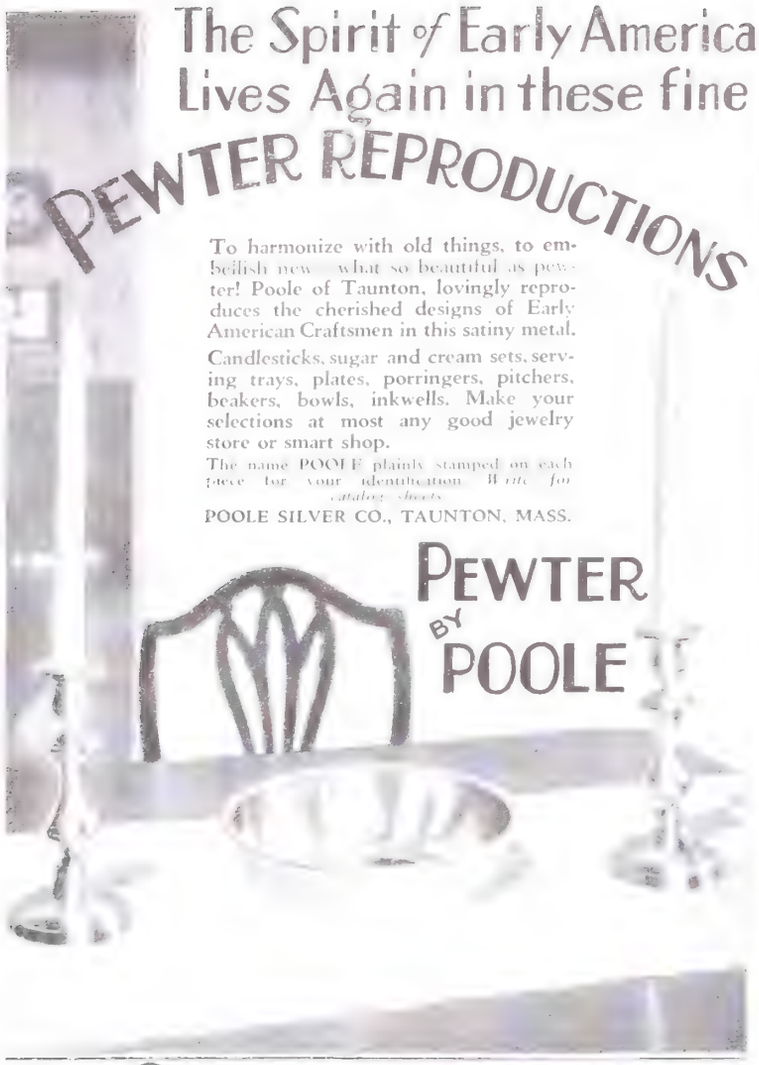
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Free!

SOLID KUMFORT

Folding Furniture

LANDSCAPING PLAN

(*Continued from page 150*)

[illegible] and will continue to [illegible] them for two or three years. Bloodmeal and meat meal are perhaps the quickest working fertilizers and in soil [illegible] will turn a yellow lawn or [illegible]ky looking tree to the richest, darkest green, while a tankage of ground blood, meat and bone works quite miraculously with new lawns.

While sour soil demands the addition of lime or lime plaster to sweeten it, it should be chemically analysed first, as very frequently more harm than good is done by liming, particularly on lawns.

Ground that is continually shady or that is sour will require the combating of moss in the lawn, the most effective method being to sprinkle with wood ashes during cool weather. Ashes from hard wood, being rich in potassium, [illegible] Lime is the means of [illegible] but poor results.

ALPINE PLANTS

Many [illegible] harbor the misconception that Alpine and rock plants require special cultivation, an impression based on the idea that in their native state they thrive [illegible] without cultivation. To care for a rockery intelligently it is necessary to understand the natural conditions under which Alpine plants thrive and these, by means of cultivation, to bring about just such conditions.

In the Alpine regions, by means of frosts that crack the ground and thaws and rains that keep it continually moist, Nature performs a constant process of plant life cultivation. Then in the spring a final frost causes the [illegible]ked soil to expand one-third of its volume, after which the ground remains in loose condition until long after the frosts disappear. For days and days, even weeks, this natural cultivation continues, after which the warm sun rays penetrate to the roots of plant life that has been dormant all winter, giving increased strength to the extremely long root systems that cling tenaciously to the soil during this alternate freezing and thawing.

Not all rock plants require fall [illegible]. Some species, such as Iberis (Candytuft) Helianthemum (Sunrose) and Alyssums are most productive in poor soil, and will damp off through the winter season in enrichened soil. Practically all Bellflowers, Aubrietias, Primulas, Auri[illegible] and a host of others that must be studied carefully for individual requirements will produce most bountifully the following season if they [illegible] special nourishment at the roots in the early fa

Rock plants that flower in ea spring should be cultivated in late fall by thrusting a hand tro deep into the soil and then turning over. Should some of the roots be turbed by this process no harm will done, as the loosened soil will per a deeper, longer root system to velop than if the surface soil had mained hard. Don't let a weed esc extermination at this time, else it live to produce thousands of s that will spell trouble ahead for next several seasons. After the r ery has been thoroughly cultivated cleaned free of weeds it should blanketed with a mulch consisting leaf mold, peat moss or old, rotted fertilizer which is highly v izing food for most rock plants.

The addition of small, chi rocks or coarse sand to the soil a rock plants that thrive best in soil will protect them from hea during the winter.

Just how early in the spring to cultivation of the rockery will de on local climatic conditions, but safety one may observe the ge rule to start spring gardening the soil has become loosened ciently to allow the sunshin penetrate to the roots of plants the earth is turned over.

SUMMER CARE

After the spring cultivation th is but little work in caring fo rockery, other than a conscie weeding every six or eight week and in extremely dry weather one waterings weekly. A very light s kling late in the evening will ta the place of the heavy nightly dew, prevailing in mountain regions, b always remember that frequent c tion is far more important frequent watering.

Since the sunshine to which exposed constantly, and the pla within, keep the water in a Lily well purified, there is no oppo for stagnancy; hence, frequent ing of water is not a necessity. Ha if the pond is changed or cleanc ing the summer months you w the risk of losing hundreds of invisible goldfish which are under ideal conditions in th warmed, still water. Plant lif is far healthier and more ri bloom in water that is not co by too frequent changing. But two cleanings a year are suffici Lily ponds, preferably late in after the leaves have stopped and another in March or Ap as the Lilies commence new

Operations under way are steadily gaining in scope, and here and there individuals and firms are coming to the fore as specialists in this highly specialized branch of landscaping. Thus we are glad to set down here the supplementary information that the designing and construction of the William Rhinelander Stewart rock garden, shown on page 88 of May House & Garden, were carried out by Potash-Marl, Inc.



How an Old Prejudice Gave Way ~ ~ ~

to a new idea in garden planning

n lovers, amateur or professional, have been so rash as to start a without some thought of fence ion. But many times their choice ing has been based on personal nce for one type or another, than the ultimate purpose of e protection for a matured land- lanting.

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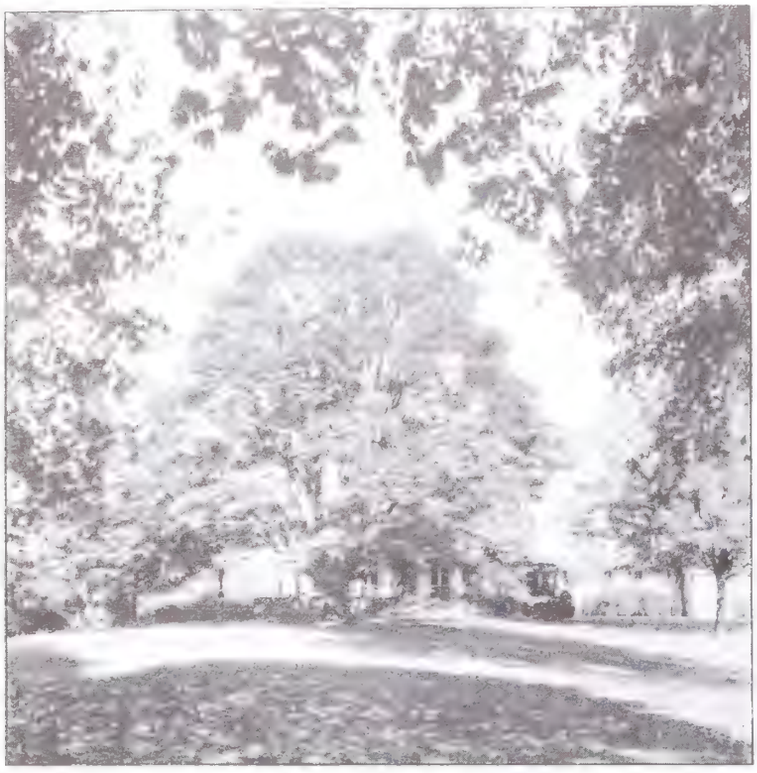
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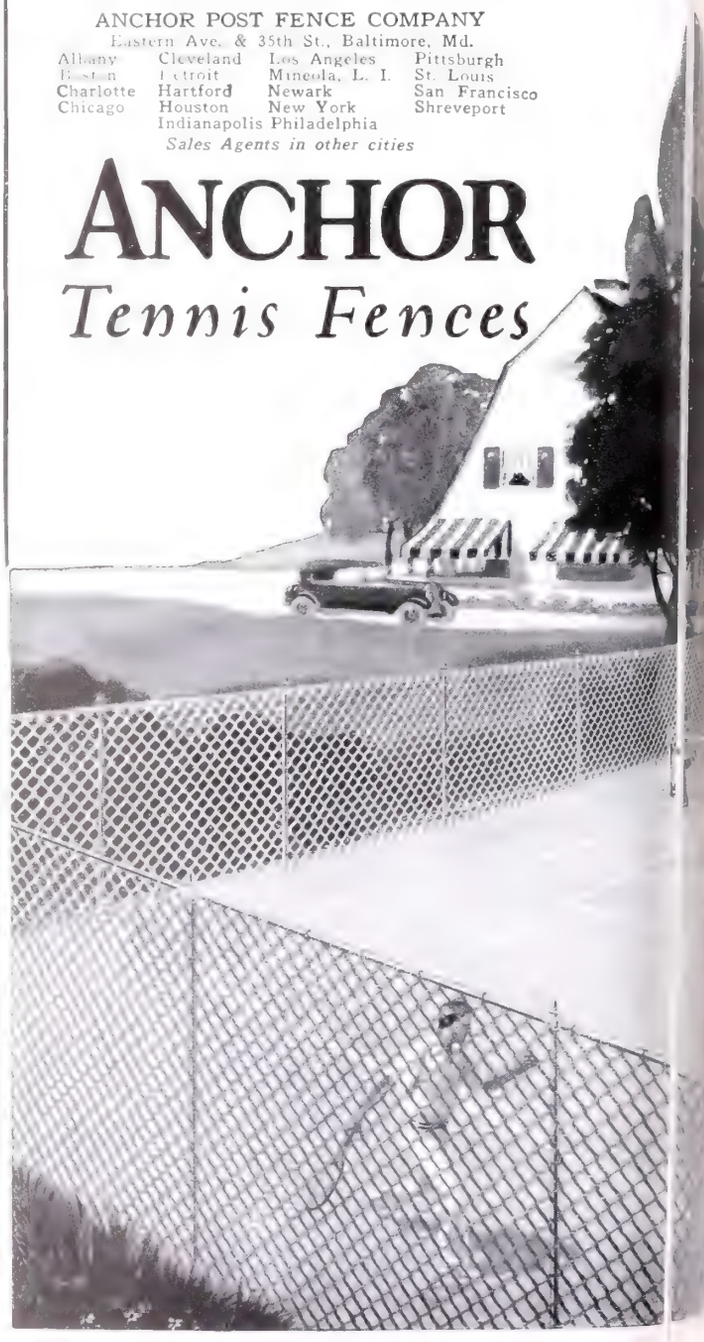
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Say it with Flowers



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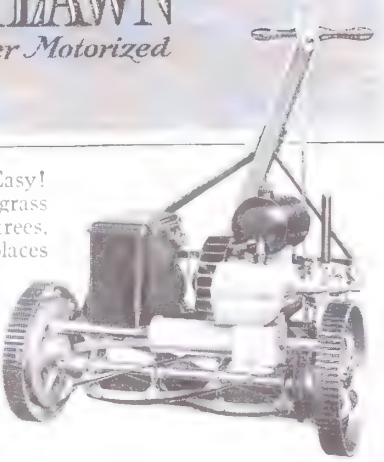
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You don't have to depend on rain to keep your lawn and garden green, thrifty and beautiful. Get a Rain King and hold.

With a Rain King Sprinkler you will make it bloom like an Eden. Cloud bursts on tender bowers and blooming flowers; dense, gentle soaking spray on grass and plants and a drenching downpour on shrubs.

These and limitless other variations all come from the patented Rain King. Its easy adjustments give you quick and complete control. Not only whirls, but can also be set stationary with two different kinds of spray at once, as pictured. Only sprinkler that does it!

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Runs on bronze bearings as [illegible] fly wheel. [illegible] Yet you can't wear it out in a lifetime. Gives a fountain-like play to water—it's an ornament you'll be proud of on your place.

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1 Rain King Sprinkler Watering Garden

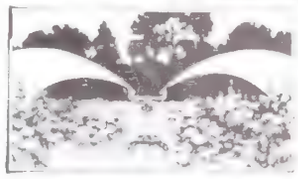


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In the Garden of John Evans, of Denver, is a placid, clear pool encircled by a vine-clad loggia where one never suspects the change from arid waste

FROM SAGEBRUSH TO GARD[illegible]

(Continued from page 130)

And so on and on we could ramble over the city, peeking in through a lych-gate here, peering through the [illegible] wrought-iron gate of an Italian house at another estate, standing on tiptoe and looking to a thatch-roofed pool guarded by four sentinel Jacques at another point, until you would swear that the first picture I presented was a myth, a nightmare of the desert.

But both pictures are true and what has been said is but an interesting introduction to gardens and livable homes around which people who own property in Denver's climate, where rainfall is more plentiful can hardly credit.

Garden making in the region of Denver is somewhat of an adventure to the uninitiated. People who come to live under Colorado's skies of perpetual blue and are unfamiliar with cultural conditions in other sections, will make many needless mistakes unless they seek counsel with those who have learned the several necessary tricks of this section, in surmounting the barriers to good gardens.

Irrigation is the only practical method of getting water to gardens and home grounds in the region which lies east of the foothills of the Rockies. Sometimes it is in a little ditch which itself may be a feature of the garden. More often the hose attached to a sill cock or a lawn hydrant furnishes the water that substitutes for rain.

Rain comes occasionally. During some summers there are rains several times a week. They form little black clouds on the heights of the Rockies, gather and growl there for several hours, and then with many ripping lightning flashes, they dash out over the plains and spill moisture down toward earth. They often travel in streaks. One part of the city may be deluged while the other sections are still dusty and thirsty. Or the little rain clouds may not carry a heavy enough supply of water to reach the earth. It is not an uncommon sight to see a shower starting earthward from a cloud, only to vanish [illegible] dryness of the air through [illegible] the raindrops are falling.

In such a climate the gr[illegible] thirsty. The air is dry, too. [illegible] is only the regular applica[illegible] moisture through artificial [illegible] which makes gardening possib[illegible] gations may come every morni[illegible] the filmy spray of a lawn [illegible] the water board rulings ma[illegible] irrigation permissible on th[illegible] numbered side during alternat[illegible] ings. Then the home owner [illegible] forth early and turn on the l[illegible] usually when the city is full[illegible] and the industries are drawin[illegible] water supply irrigation o[illegible] grounds is prohibited.

Irrigation itself presents so[illegible] problems beside the necessity [illegible] ting up early in the mornin[illegible] the lawn sprinkler going. I[illegible] soils three irrigations a we[illegible] cause waterlogging. Or there [illegible] a collection of alkali in the s[illegible] water seepage and evaporation[illegible] man takes unto himself the [illegible] J. Pluvius in furnishing wate[illegible] herbaceous things, he must [illegible] least human judgment comba[illegible] keen observation of what is g[illegible] to prevent conditions arising [illegible] may be harmful.

Sometimes there is a ch[illegible] burning tender foliage if [illegible] is done during the sunshiny [illegible] the day. This is usually fro[illegible] to sundown in Colorado. The [illegible] report shows that there we[illegible] thirty days that could be cl[illegible] cloudy during last year.

This very fact that the su[illegible] forth unobstructed during p[illegible] all of the year, while it pr[illegible] part the dryness which has [illegible] scribed, at the same time m[illegible] gardens more livable. Shad[illegible] sunshine always contrast o[illegible] green turf. And the turf whe[illegible] ly planted and maintained s[illegible] brilliant under the unveiled [illegible]

The vast preponderance

(Continued on page 1[illegible]



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FOLLOWING our practice of the past three years we are offering a special color of Darwin, Breeder and Cottage Tulips, [illegible] leader planting. After many years of planning some of the finest gardens of these Tulips in America, we believe that they are seen to best advantage when planted in clumps of 25, 50 or 100 of a variety, with a definite color scheme in mind.

Our Advance Bulb Catalog issued in May lists five varieties of these Tulips—The Aristocrat of the Tulip Family, but we recommend the following Special Beauty Collection and suggest that they be planted in the order given.

TEN FINE VARIETIES	Per 100	Per 1000
Reverend Ewbank—Beautiful soft lavender-white	$4.00	$38.00
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Dreamy—Deep rose-red shading	4.00	38.00
Edmee—Vivid flesh-white, [illegible]	5.00	48.00
Cardinal Manning—Rose-red flushed [illegible]	5.00	48.00
Moonlight—Huge ivory-white blooms, [illegible]	5.00	48.00
Philippe de Commines—Deep velvet maroon	4.00	38.00
Clara Butt—Unique flesh-salmon	4.00	38.00
Apricot—Beautiful apricot-buff	7.50	68.00

25 each of a variety at 100 price; 250 each of a variety at 1000 price.

Special Collection Offer

10 Bulbs each of the above 10 varieties	100 Bulbs	$5.00
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Our Advance Bulb Catalog Issued May 1st
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ID-SUMMER heat makes it imperative that your rs, shrubs and lawn have ving moisture. The Dou Rotary Sprinkler supplies eed any time, any place. s you a gentle shower at your finger tips. ikles nature's way—it soothing to delicate growhings.

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e Double Rotary is built ears of efficient service. arts standardized. Bronze steel gears operate in bath l.

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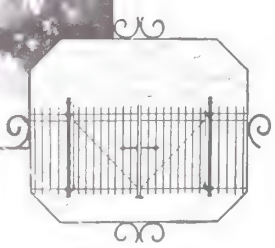
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The Walk of

METTOWEE STONE

is a distinguished asset of architectural beauty to any garden

COLORFUL, [illegible] in character, the [illegible] personality. Curving randomly through [illegible] arouses a feeling of happy contentment.

How different from the cold, colorless paving with its commercial tang!

Replacing your present walks, terraces or porch floors with Mettowee Stone will afford an excellent opportunity to observe the almost magic transformation.

Our illustrated pamphlet "B" will de[illegible] the name of our nearest dealer.

VENDOR STATE CO. INC.
EASTON PENNSYLVANIA

FROM SAGEBRUSH TO GARDE

(Continued from page 162)

[illegible] perhaps one of the best [illegible] for making the effort necessary to have a Colorado garden. One can go out in the garden even in the evening and there is no troublesome dew on the grass. The thick sward carpet might as well be a Persian [illegible] so far as its giving off dampness is concerned. Always there is sunshine during garden [illegible] always it is inviting one to come out into the garden, to the living terrace, to the outdoor living room or the pergola to enjoy the [illegible] that sweep through shrub and tree and cause the flowers in the border to nod bright greetings.

It may be imagination, but it seems that the flowers have more vivid coloration in a Colorado garden than in gardens where OLD Sol makes more occasional visits. The blues of the Anchusa or the bright brilliance of a scarlet Poppy seems to have a more lively tint under the blue dome that [illegible] the Rockies.

The whole climate, while it makes [illegible] somewhat difficult because of lack of water, at the same time makes the garden more lovely and more usable.

The dryness also affects Colorado [illegible] The [illegible] that garden builders have learned in this land of [illegible] Dr. Roots [illegible] during planting season. Drying winds and the [illegible] wreath of an [illegible] tender roots in no time whatever. The practice followed by some planting foremen of the [illegible] a dozen or a score of plants ready for the planting [illegible] in Colorado. Every one of them would probably die. When planting in Colorado [illegible] a few plants out of the ground or box filled with moist packing at one time. Burlap dipped [illegible] almost essential for root protection when roots are out of such moist material. Many of the failures [illegible] wholly or in part due [illegible] on this important feature in Colorado planting practice.

Perhaps most surprising of all to the connoisseur of gardens will be the excellence of design found in the gardens of the Denver region. It is a universal exclamation of people from other sections of the nation when gardens have been in the process of building and mellowing for decades before Colorado was settled is, "How these gardens compare favorably with the best in our part of the world."

The quality of good design, often drawn by university trained landscape architects, is one of the great factors in making Denver's gardens compare so favorably with the gardens in more humid climes. Garden design may be as good in the section of the country which was once regarded as the Great American Desert as it may be in Massachusetts, Maryland or the Middle west. In many cases it is as good and at its best. For in this section of the country many have learned to discriminate between art in garden design and the mere act of growing things.

Gardens that now bloom on the [illegible] where a little more than a generation since the coyote howled and the [illegible] notony of the Indian drums [illegible] upon the breeze are gardens that have required far more care than those of similar type grown in sections where the rain Gods take care of the watering. From Sagebrush to shady garden had been no easy transition. Because gardens of this section are filled with sunshine, are so overwhelming with that unmistakable thing called "livability," many home owners have been encouraged to make the effort needed to build lovely gardens. And because they have required more effort they seem to be more used and gloried and prized than are those in sections where gardening is not so exacting a task or a precise an art.

It savors of coniury, this transformation that garden lovers have wrought on the semi-arid plains. But it is not coniury. It is a mixture of study, work, tender care, artistic appreciation; a combination which will bring forth good gardens from any land be it desert or tropical jungle.

ARTHUR H. CARHART

HOUSE & GARDEN'S BOOKSHE

[illegible] HOUSES OF EARLY AMERICA. By [illegible] Lathrop. New York: Robert M. McBride & Company.

FIRST we looked to see if *our* house was included. It was, though only in a paragraph. Its beauty alone would prevent its omission. We shall quote the paragraph:

"The beautiful house on North Street,"—this is in Litchfield, Connecticut with its magnificent Elm trees,—"built in 1760 by Elisha Sheldon, was turned into a tavern by his son, and during that time Washington stayed there. Again a private residence it has been remodeled and enlarged, though in such a way as to preserve some of its old charm, and is now a handsome summer home."

Having satisfied a desire to place ourselves ancestrally, a desire growing upon all real Americans, we fell to enjoy this delightful book. It is a wonderful book to browse in, even one has not time for long consecutive reading. On every page there is [illegible] alluring paragraph that is like an invitation:

"Entering by an Ionic pillared hallway, one comes into a wide [illegible] extending through the house." Let us enter the Sargent-Murray-Gilman house at Gloucester, which The Metropolitan Museum wanted to buy, remove the interior woodwork and exhibition in New York. But [illegible] kept the house, and what [illegible] how are told engagingly. The [illegible] scraps of gossip and anecdote, and one could almost write a diary of [illegible] Washington from the records of the houses he slept in, dined in, and [illegible]

(Continued on page 166)



This is the Honeymoon House. Why it's that, and a lot of joy-yielding things besides, is told about in that new book called: "Glass Gardens As We Know Them."

Glad to send you a copy. It's just off the press.

OR FOUR GENERATIONS BUILDERS OF GREENHOUSES

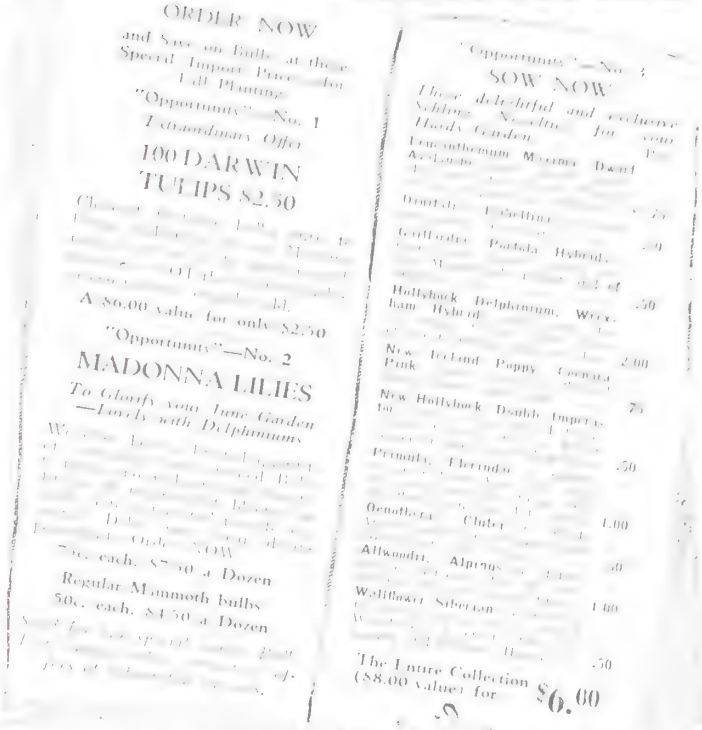
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IT wasn't so difficult to make [illegible] the envy of the neighborhood. But during the summer months [illegible] vegetables and regular garden [illegible] had not been [illegible]

Flower beds [illegible] gardens yielding an abundance of the choicest vegetables—luxurious lawns of velvety texture—anyone, anywhere can have them with a Skinner System of Irrigation.

The Skinner [illegible] leader and pioneer in overhead irrigation, has [illegible] problems.

Tell us what you want to water. And write for "The Skinner System for [illegible] me"—now sent free.

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Metal Furniture For Garden and Terrace In the Deauville Manner

METAL is the *only practical material* for Garden Furniture. Graceful, colorful, comfortable, with an up-to-date style of its own, it is weather-proof and lasting. It just *belongs* in its setting on the terrace or lawns. Our Deauville chairs, tables, umbrellas, etc., are adaptations of designs most popular at the French and Italian resorts.

Also Folding Metal Chairs with wooden seats and backs, Lawn Settees, Wire Archways and Trellises, etc. Just received—novel, painted Weather-vanes from Normandy.

Prices moderate. Illustrated circular No. 10 B on request.

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ESTABLISHED 1858



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For *your* flowers . . .

It's no secret. Everbody wants lovely, healthy plants, flowers, shrubs and evergreens . . . and everybody may have them! You must, however, assist Nature to the extent of keeping them free from destructive insect pests. To achieve this result Andrew Wilson has produced for you, after more than twenty years of scientific research and experiment, *Wilson's O. K. Plant Spray*—which, because of its marked ability, has become nationally recognized as the standard insecticide for all the common flower and garden pests. *Wilson's O. K. Plant Spray* is used by superintendents of large estates and prominent florists throughout the entire country. Powerful, yet will not burn the most tender of plants . . . harmless to humans . . . clean . . . easy to apply . . . equally effective out-of-doors or under glass. What it has done for others, it will do for you!

Order your requirements for Summer now!

1 quart *$1.00* 1 gallon *$3.00* 5 gallons *$12.00*
10 gallons *$20.00* 25 gallon drums *$50.00*

Wilson's Weed Killer

Kill weeds the Wilson way . . . simply dilute *Wilson's Weed Killer* (1 gallon to 40 gallons of water) . . . and sprinkle . . . that's all. The modern way to exterminate all weeds, poison ivy, vines, etc. One good application a year is sufficient. Inexpensive . . . clean . . . odorless.
1 gallon *$2.00* 5 gallons *$8.00*

Wilson's Rhody-Life

This is a preparation (not a fertilizer) for making the soil acid, or in other words ideal for growing Rhododendrons, Azaleas, Laurels, Pines, Spruce, Blueberries, and other acid-loving plants. *Wilson's Rhody-Life* may be applied at any time. 100 pounds *$5.00*, 1000 pounds *$45.00*, 2000 pounds *$85.00*. Try it—and watch the results!

ANDREW WILSON *products are sold at most leading seed, hardware and department stores everywhere. If your dealer cannot supply you, we will be glad to fill your order direct upon receipt of price. Use this coupon.*

Andrew Wilson Inc.
Dept. H
SPRINGFIELD NEW JERSEY

Andrew Wilson, Inc., Springfield, N. J.
Gentlemen: [illegible]

NAME
ADDRESS

A TOUR OF BRITISH GARDENS

(Continued from page 134)

[illegible]

L. M.

Fifield Park, Henley-on-the-Thames, Oxfordshire. Owner's estate of the late Sir [illegible] Agent, Mr. P. Knowles; Per[illegible] gardener.

Cliveden, Taplow, Bucks. Owner, Viscount Astor, M. P.; Per[illegible] White, owner.

REMARKS

Elizabethan Gardens are small, compact and charming in detail.

Fifield Park is [illegible] maintained since F. Crisp's death. The rock garden is of special interest.

Cliveden is a large Italian mansion. Situated above the Thames is a beautiful park. The gardens are of extensive formal Italian design. Wonderfully maintained.

HOTELS & RATES

[illegible] Head, Windsor.

[illegible] (with luggage)

A. M.

Worcester House, Chenies, Bucks. Owner, R. Sanderson Clarke, Esq. Per[illegible] C. McGrath. Letter from architect, Sir Edwin Lutyens.

P. M.

Hatfield House, Hatfield, Herts. Owner, Marquis of Salisbury. Visitors allowed [illegible] & Thurs. [illegible] (Closed Easter and [illegible] 10 when family are not in residence) [illegible] to the Queen Alexandra Memorial Fund.

REMARKS

Woodside House is a small hillside garden with simple formal gardens. One of [illegible] Lutyens' [illegible] pieces.

Hatfield House is a magnificent Jacobean [illegible] with a beautiful [illegible] commanding an extensive view. Gardens [illegible] with splendid borders of [illegible] interest.

HOTELS & RATES

Dartmouth House, 37 Charles St., [illegible] Clubhouse of the English Speaking [illegible]

[illegible] from

HOUSE & GARDEN'S BOOKSHELF

(Continued from page 164)

[illegible] we come upon a scene of a Navajo [illegible] its adobe walls a fitting backg[illegible] for the Indian moving swiftly [illegible] house door. It is the sort of scen[illegible] which painters have long ma[illegible] world familiar but no painter [illegible] have selected his subject bet[illegible] fairly sings romance even witho[illegible] high keyed color scheme poss[illegible] the painter. So it runs all throug[illegible] folio. Here is "Oklahoma, Big [illegible] White Horse Eagle of the [illegible] Tribe" in his full regalia wit[illegible] magnificent war bonnet than wh[illegible] king of all the earth has worn [illegible] splendid crown or worn it [illegible] worthily. We confess to the [illegible] tion of the Indian epoch in o[illegible] tory, having been brought up [illegible] lan's Indian books ourselves.

Every picture starts a story. [illegible] is "Virginia. The Home of [illegible] Mother of George Washin[illegible] "Louisiana. New Orleans"— [illegible] old quarter of the city in "Old [illegible] Days," "A Charleston Doorw[illegible] delightful architect. And so th[illegible] vocation runs from picture to [illegible] There is an introduction which [illegible] tingles with romance, a very im[illegible] and illuminating resume, and [illegible]

G.

COLOR SCHEMES OF ADAM C[illegible] Lithographed From Water [illegible] Sketches by Gerald K. Geerlin[illegible] Betty F. Geerlings. New York: Charles Scribner's Sons.

WE "devoured" these five [illegible] plates and craved more, [illegible] they are enough to fulfil th[illegible]

(Continued on page 16[illegible]

PERHAPS it takes a foreigner to see romance in the United States. Mr. E. O. Hoppé has seen it or he could never have recorded it with such unerring [illegible] he has done in the [illegible] which compose his book. The point of view seems almost faultless in its selectivity. Turning at random to "New Mexico, Pueblo of San Geronimo de Taos,"

A Cordial Invitation



A glimpse of the Showgrounds at "Tulipdom" during Tulip time

favor us with a request for our catalogue.

Place your order before August first

Free Catalogue on Request and please mention HOUSE & GARDEN

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Nurseries at Valkenburg, near Leiden, Holland and at Babylon, Long Island, New York

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MAKE that colorless spot in your garden a place of beauty with interesting Galloway Pottery.

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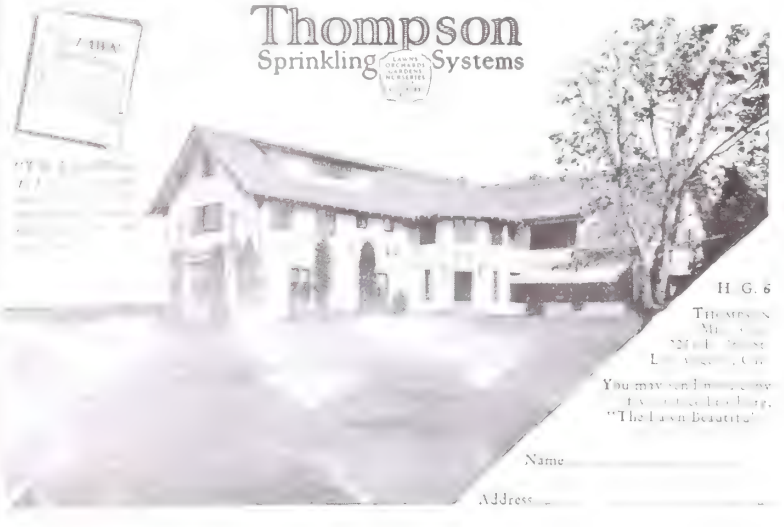
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Their full loveliness can only be brought out by correct sprinkling . . . Not hit-or-miss, old style watering, but modern, scientific sprinkling that reaches every leaf and blade.

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H. G. 6

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Dust is a symptom. It tells you that your road and driveway surfaces are disintegrating and that sooner or later you'll have to repair them.

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It puts an end to the dust nuisance, and its dependable surface-binding action saves the cost of gravel and surface replacements.

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"We'll Help Your Road Commissioner Maintain Better Roads for You."

[illegible] missioner about Solvay Calcium Chloride. Or send us the [illegible]

SOLVAY SALES CORPORATION

[illegible]

HOUSE & GARDEN'S BOOKSHE

(*Continued from page 166*)

[illegible] enlightenment to those who [illegible] concerned in the Adam [illegible] dumb, and colorless.

[illegible] to set forth the [illegible] "Adam rooms were usually [illegible] positive colors," in so practical a way, for few have the [illegible] at least the [illegible] in 53 volumes preserved in the Soane Museum in London, and every effort at preserva- [illegible] to lose all color [illegible] from the old Adam [illegible] much Gaeton [illegible] French Re- [illegible]

"[illegible] schemes were selected from two viewpoints: first, to attempt [illegible] of the most characteristic schemes (if that be feasible in [illegible] of hardware), and [illegible] as well as [illegible] in color schemes as possible. It was [illegible] the predominant [illegible]."

We refrain from quoting at [illegible] examples of the keen color sense of the authors, and the [illegible] chart work [illegible]

"A certain shade of red which [illegible] mellow [illegible] ment, cooled sufficiently so that it does not make the color boil over its even tonality in any one spot."

G. G. G.

THE PERFECT BOYFRIEND. By J. Wentworth Manning. North Cambridge, Mass.: The Gerald Gay Manning Co.

THE attempt is to tell, in compact form, from what growers or dealers may be obtained any desired variety of the various genera of ornamental plants for outdoors and for growing under glass. The one-hundred-eighty nursery firms and dealers cited, each referred to by its distinguishing number, are fairly well distributed over the country. To facilitate at smallest cost the making of such changes and additions as will obviously be necessary from time to time the little volume is of loose-leaf form, of 127 pages, with the reverse of each leaf left blank.

The field seems to be well covered, with the Iris List of 1200 varieties and the Peony List of 1600 varieties each in a separate volume of its own, while an additional volume is being prepared for the Dahlia. (Annuals, and Fruits also, may appear in future editions.)

In this main volume the longest list in the body of the work is that of Roses, 13 pages, with Bulbs, arranged [illegible] 13 pages in an appendix, to which, unfortunately, are relegated the Cacti, Ferns, Grasses and Palms also. In searching for a variety first must be found, in alphabetical place, the scientific name of its genus, e.g. Syringa, not Lilac. Though a work of this kind can never be perfect it is of evident usefulness not only to landscape architects and designers of gardens. At this time of rapidly increasing interest in the obtaining of a wide range and a better choice of plant material the efforts of this book are very commendable.

F. B. M.

THE BOOK OF BULBS. By F. F. well. New York: The Mac Company.

JUST as it is true that "the [illegible] in bulb gardening in this [illegible] has developed astonishingly" it [illegible] dent that it is going to expar deepen amazingly for any on reads this excellent treatise so l so urgently needed. The poss it sets before the reader are w fully [illegible] and extremely tra To [illegible] and unuse[illegible] [illegible] treatment of what [illegible] many first thought of wha [illegible] question is addi [illegible] discussion of plants a popular work of this kind s [illegible] [illegible] planting, the L [illegible] Peonies, the Gladiol and the [illegible] and, most valuable of all, [illegible] of practically all [illegible] well known flowers Many of [illegible] it is shown, [illegible] small tract[illegible] attention they deserve.

In the chapter devoted [illegible] [illegible] cutting [illegible] is wisely adv[illegible] while most flowers are best c[illegible] the bud is beginning to open, Tulips should first be allowed [illegible] three or four successive morn[illegible] order that the maximum size [illegible] [illegible] The subject of [illegible] diseases is successfully detailed [illegible] [illegible] [illegible] planting bulbs, particularly t[illegible] [illegible] tulips [illegible] which [illegible] grown before.

F.

THE FOUR GARDENS. By [illegible] [illegible]." New York. E. P. [illegible] Company.

"THIS [illegible] the gem of a m[illegible] breathes perfume, [illegible] the esthetic joy of beautiful g[illegible] say the publishers; and it is [illegible] The Greek god Pan, it w[illegible] had taken up residence [illegible] hills and firths of rocky Scot[illegible] revealed himself in trysting- Else how could anyone writ[illegible] to tell of the spirit of gar[illegible] pared with modern luxurie[illegible] way of cultivated fruits, hi[illegible] bridized ornamentals and m[illegible] exotics the four gardens all [illegible] and kept with Scottish parsi[illegible] thrift, even, to a considerab[illegible] the Rich Man's Garden. T[illegible] one seen in the Haunted [illegible] one of the children that t[illegible] tiny assignments, was not so [illegible] that it prevented the child [illegible] frequenting it; thoughts of [illegible] rather as a lure and insp[illegible] as it did the grown-ups [illegible] respect and affection for [illegible] shady walks and the flower [illegible] loved to tend. And the Old [illegible] Garden had its romance with [illegible] of the lonely, lovely lady [illegible] was and who almost lived [illegible] dened by the loss of her lo[illegible] youth. The Rich Man's [illegible] though not lacking in stat[illegible] grandeur, seems wealthy t[illegible] erns chiefly in its equipme[illegible] fashioned flowers, while [illegible] Man's Garden was rich in t[illegible] gardens.

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roperly labeled plants add to the
terest and orderly appearance of
e garden. Owner and visitors may
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ubs, etc.

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mail $1.65. No. 12, 1 x 6 inches,
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THE GARDENER'S SCRAP BOOK

DISBUDDING THE PLANTS

STOCKY [illegible] and a good many [illegible] the [illegible] and [illegible] to grow [illegible] and [illegible] the [illegible] of [illegible] and [illegible] to [illegible] and [illegible] growth.

One of the best ways to [illegible] is to [illegible] as the "[illegible] stock" on the main stem of each plant when it is about one-fourth to one-third grown. At this stage it is easy to nip off the top inch or two with a pair of scissors or, if you are [illegible] with [illegible]. This cut should be [illegible] and then [illegible] part of stalk and foliage are not to be bruised or [illegible]. The object of the operation is to [illegible] the growth of the plant into the production of side branches and thereby to [illegible] growth upward.

Among the flowers that will benefit by being pinched back in this manner are Hardy Chrysanthemums and Early-planted Cosmos and Zinnias. Of course, anything that becomes [illegible] should be pinched back, and in the case of Delphiniums and Hollyhocks, should be expected to produce [illegible] next year.

A GARDEN NURSERY

THOSE who have small [illegible] will find it a good plan to [illegible] a bit of ground which will serve as a [illegible] of the garden proper. Here a small surplus stock of flowers can be kept to refill the [illegible] spots [illegible] and to [illegible] the border. Young [illegible] can be planted in the nursery, too, and [illegible] transferred [illegible] to look well in their permanent places. In effect, the space is really a reserve garden adapted to almost any kind of plant material that may be wanted at some future time.

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[illegible] should be set somewhat away from [illegible] Its presence will not be too [illegible] and should include both sunny and shaded areas. Moderately rich soil is advisable, with good drainage. Whether it should be alkaline or acid in character depends upon the kinds of plants which it is intended to grow. The ideal plan for general use would be to have most of the soil area neutral, with small [illegible] and another portion somewhat acid.

Convenience in the care and handling of the stock is more important than mere appearance in such a place. Thus, most of the plants should go in straight rows, with the shrubs and small trees at one side where they will not interfere with their lesser companions. In one corner there might be a cold-frame or two.

TO HILL OR NOT TO HILL?

ONE of the first things that the beginning vegetable gardener acquires is an imperfect understanding of the verb "to hill." Usually he sees the process casually mentioned in some gardening book or magazine, hunts around until he gets a hazy idea of what it means, and forthwith takes a hoe and piles the soil close up around every kind of a plant that has shown its head above ground.

Hilling is all very well for some crops, but it can very easily be overdone. Its purpose is two-fold: to cover the plants' roots more deeply and thereby help to stabilize the soil moisture conditions around them, and to furnish additional support to the stalks. If overdone, or practiced on the wrong kinds of vegetables, it may [illegible] to the [illegible] from which the hilling soil is drawn, partially smother the plants by covering their crowns too deeply, or act as a sort of watershed which will cause the rain to run off rather than allow its sinking in to the roots which are thirstily waiting for it.



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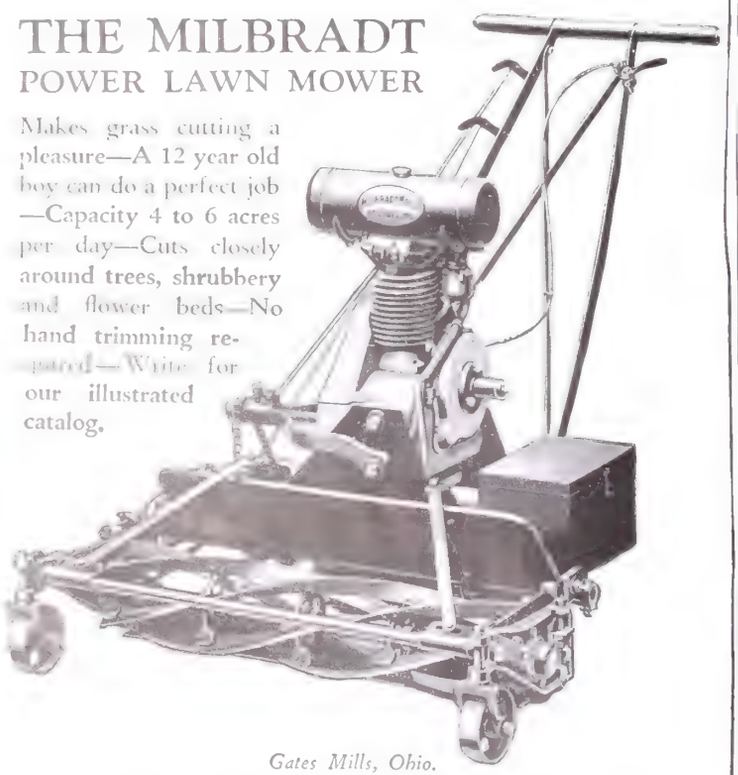
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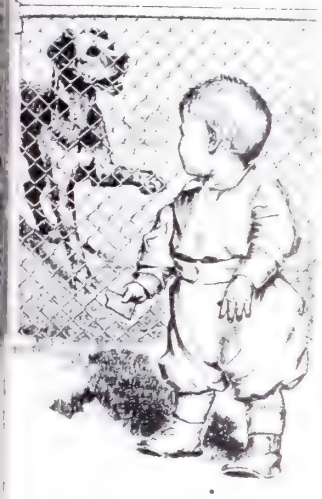
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Among the crops which benefit by [illegible] Celery, Potatoes, Peas and Beans. Peas and Beans do not need it—in fact, it would do them more harm than good. In the case of Celery, which should be more heavily hilled than any other vegetable, the object of the hilling is to shade the stalk rather than to conserve moisture or protect the roots.

SELECTING PLANTS WHERE THEY GROW

THERE is only one way to be sure whether or not you are going to like any particular flower, shrub or tree, and that is to see it growing. No wonder, then, that the progressive nurseries are becoming more and more accustomed to urging prospective customers to come to the fields where the stock is actually growing and select the things they particularly like. This is a good policy for all concerned, as it is likely to increase the size of the order and the ultimate satisfaction of the purchaser. It is particularly advisable nowadays when there are so many different named varieties among popular flower families.

Irises, Roses and Peonies, among the flowers of late spring and early summer, come particularly to mind in this connection. A little later there will be the Gladioli and Dahlias and, last of all, the Hardy Chrysanthemums. Among the shrubs, Rhododendrons, Azaleas, Mockoranges, and Lilacs are worth going far to select. Evergreens, of course, may be fairly judged at almost any season, while the proper time to pick out deciduous trees is during their period of summer maturity.

The next best thing to visiting a professional grower's grounds is to go to some really good private planting of the particular flower, tree or shrub group that most interests you. If the owner of such a place is frankly and sincerely approached, you are almost sure to receive a ready welcome and you will surely obtain plenty of



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information as to where various plants can best be obtained.

Wherever you go, make specific notes on the spot. Don't trust [illegible] color, size, name and source, for such things often become confused after you have looked at many, many flowers. A few judicious notes, clearly separated, will do a great deal to set things in their right places when you [illegible] your investigations.

[illegible] FROM CUTTINGS

THE majority of cultivated flowering shrubs, and a good many of those in the wild which are worthy of being introduced into our gardens, can be propagated quite readily from cuttings. As a general thing the latter part of the summer is the most favor- [illegible] cuttings taken from the new growth [illegible] only will "harden off" or become woody in character. [illegible] inches or [illegible] in length. As a rule, it is best to try to have each one of them include a "heel" or a small portion of the wood where the cutting itself was removed from the parent plant.

Before a cutting can form roots and start on its way to becoming a shrub in its own right its butt must callous or form knotty excrescences from which the rootlets will sprout. With this in view, and in order to keep the whole cutting alive until such time as the activity of the new roots can support it, it is necessary to do two things: provide favorable conditions for the portion which is buried in the ground, and prevent the exposed part from being withered [illegible] by [illegible] to do [illegible].

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cuttings a little and protect from frost of mulch or fagots

he frame will do well, over the winter. By spring they ought to

J

entry as they are today, nor, indeed, were the available strains

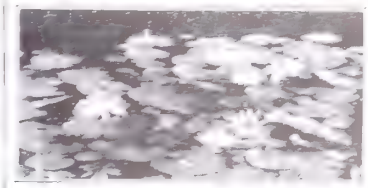
times, a high collar of wire netting is set around the clump while it is

distance around the outside of the plant a few inches from the



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